INDEX TO VOLUME XXXV

Page numbers preceded by "(P)" refer to the summaries of symposia and papers at the Meetings of the Thoracic Society or other bodies. "(E)" refers to editorials.

A

AASTED, A. *See* BERTELSEN, S, STRUVE-CHRISTENSEN, E, *et al*
ABE, S. *See* TSUNETA, Y, OHSAKI, Y, *et al*
ÅBERG, T. *See* NÕU, E, and ÅBERG, T
Abrams needle, multiple pleural biopsy with, 600
Absele as absorbable bone sealant in median sternotomy, comparison with bone wax (P), 78
ACOCELLA, G, BRUMFITT, W, and HAMILTON-MILLER, J M T: Evidence that rifampicin can be used safely for non-tuberculous diseases, 788
Acromegaly, sleep apnoea in (P), 237
Actuarial analysis in cardiac surgery, practical approach to (P), 79
ACUÑA, D. *See* GYHRA, A, ISRAEL, J, *et al*
ADAMS, W G F. *See* SOUTAR, C A, COPLAND, L H, *et al*
Adrenaline, histamine, and cortisol, circulating, in nocturnal asthma (P), 712
Adriamycin and 5-fluorouracil, adjuvant, radiotherapy with, in bronchogenic carcinoma, comparison with radiotherapy alone (P), 231
Aerobiological challenge, increased, evidence of, and relation to epidemic of asthma deaths (P), 236
Aerosol inhalers, regular, irregularities in use of, 477
  therapy, intermittent, with sodium 2-mercaptoethane sulphonate (Mistabron), controlled trial in cystic fibrosis, 42
Aerosols, pressurised, deposition in lung, measurement with radio-labelled particles (P), 234
AFFORD, S C. *See* STOCKLEY, R A, AFFORD, S C, *et al*
AFZELIUS, B A, and MOSSBERG, B: Immotile cilia (E), 401
Age, chronological, differences at onset of decline of lung functions in young adults, evidence for, 615
  emphysema and formalin inflation, effects on maximum volumes in excised lungs, 859
Air or helium, lung function (flow-volume loop) tests based on, reproducibility in normal subjects, 64; (L), 800
Airflow, reduced, and lung elastic recoil in clinically stable asthma, 298
  streamlining in upper airways and trachea, 543
Airway disease, obstructive, chronic, haemodynamic effects of terbutaline in, 536
  epithelial goblet cells, effect of single dose of isoprenaline or salbutamol in rat (P), 717
  epithelium, rat and hamster, Feyrter cells in, distribution and ultrastructural characteristics of, 371
  normal, action of aminophylline (P), 239
  obstruction, chronic, attenuation of respiratory arterial pH oscillations in, relation to carbon dioxide retention (P), 710
  obstruction, chronic, exercise tolerance in, effect of carbimazole (P), 718
  obstruction, chronic, oral steroid treatment in, assessment by 12-minute walking test (P), 718
  obstruction, chronic, reversibility of, transit time and derivatives as guides to (P), 225
  obstruction, chronic, severe, domiciliary nebulised salbutamol solution in, 873
  obstruction, expiratory flow rates measured with low density gas mixtures for assessment of, reproducibility of (P), 226
  obstruction, mild, partial effective times of forced expiratory spirogram in, 375
  obstruction, reversible, in cystic fibrosis, 768
  response to cigarette smoke, relation to pattern of inhalation, 246
Airways, upper, and trachea, streamlining of air flow in, 543
ALBERTINI, R E, and EKBERG, N L: Endobronchial metastasis in breast cancer, 435
AL-JILAHAWI, A N. *See* MORGANS, W E, AL-JILAHAWI, A N, *et al*
ALLAN, B. *See* BENATAR, S R, ALLAN, B, *et al*
ALLEN, A. *See* PERKS, W H, COOPER, R A, *et al*
—. *See* PERKS, W H, HORROCKS, P, *et al*
ALLEN, C J, and CAMPBELL, A H: Comparison of inhaled atropine sulphate and atropine methonitrate, 932
—, —: Dose response of ipratropium bromide assessed by two methods, 137
ALLEN, J. *See* HURWITZ, S, ALLAN, J, *et al*
Allergen and histamine dose-response relationships in nose, modifying effects of ketotifen, clemastine, and disodium cromoglycate (P), 717
Allergic alveolitis, extrinsic, positive 'alveolar' responses to antigen inhalation provocation tests for, validity and recognition of, 415
  alveolitis, extrinsic, protective value of dust respirators in, clinical assessment of (P), 708
  bronchopulmonary stemphyliosis, 515
ALLISON, D J. *See* MCKENZIE, S A, ALLISON, D J, *et al*
Alpha$_1$-antitrypsin. *See* α_1-Antitrypsin
Alveolar type 2 cells, release of lamellar bodies from, 192
Alveolitis, allergic, extrinsic, positive 'alveolar' responses to antigen inhalation provocation tests for, validity and recognition of, 415
  allergic, extrinsic, protective value of dust respirators in, clinical assessment of (P), 708
  fibrosing, and emphysema, chest wall mechanics during cough in (P), 229
  fibrosing, associated with connective tissue disease, response to methotrexate in, 725
  fibrosing, cryptogenic, and lung cancer, 496
  fibrosing, cryptogenic, bronchoalveolar lavage fluid cell counts and therapy in, 328
  fibrosing, cryptogenic, clinical features of, incidence and influence on survival, 171
  fibrosing, cryptogenic, response to corticosteroid treatment and effect on survival, 593
Aminophylline, action on normal airways (P), 239
  and salbutamol, oral, slow-release, in nocturnal asthma, relation of overnight changes in lung function and plasma drug levels, 526
  intravenous, cardiovascular response in normal subjects to (P), 717
Amoxycillin and ampicillin, comparison in acute exacerbation of chronic bronchitis (*Letter*), 319
Analogue computer for pressure-time measurements in valvular heart disease, 52

ANDERSON, C M. *See* ORMEROD, L P, THOMPSON, R A, *et al*
ANDERSON, G: Comparison of ampicillin and amoxycillin in acute on chronic bronchitis (*Letter*), 319
—, and DEELEY, T J: Comparison of radiotherapy alone against radiotherapy and adjuvant 5-fluorouracil and adriamycin in bronchogenic carcinoma (P), 231
ANDERSON, R H: Parachute deformity of tricuspid valve (*Reply to letter*), 740
—. *See also* ESSED, C E, HO, S Y, *et al*
—. *See also* MILO, S, HO, S Y, *et al*
ANDERSON, S D. *See* SCHOEFFEL, R E, ANDERSON, S D, *et al*
ANDERSSON, A. *See* SJÖGREN, I, HILLERDAL, G, *et al*
Anergy in sarcoidosis, possible explanation of (P), 714
Aneurysm, intrapericardial, congenital, of left atrial appendage, 151
intrapericardial, congenital, of left atrial appendage, diagnosis by radionuclide angiography, 154
Angiotensin-converting enzyme, serum, as biochemical marker in sarcoidosis (P), 231
Antibiotics for streptococcal endocarditis (E), 321
prophylaxis for open-heart surgery, short-term adverse effects of, 941
use for treatment of chest infection in district general hospital, assessment of (P), 717
Antidiuretic hormone secretion, inappropriate, due to oat cell carcinoma, relief by lung resection, 635
Antigen, additional, existence of, and role of pigeon bloom in pigeon breeder's disease (P), 228
carcinoembryonic. *See* Carcinoembryonic antigen
inhalation provocation tests for extrinsic allergic alveolitis, validity and recognition of, 415
Antihistamines. *See* Clemastine
α_1-Antitrypsin phenotypes in parenchymal lung disorders (P), 232
Aortic arch, cervical, with aortic obstruction, 2 cases of, 26
coarctation, indirect arterial pulse tracings before and after operation in children with, 128
coarctation, surgical treatment of, experience in India with, 950
root dilatation in Marfan's syndrome and syphilis, comparison of echocardiography and radiology for diagnosis of, 467
valve replacement for severe aortic regurgitation due to idiopathic giant cell aortitis, 60
valve replacements, 500 consecutive (P), 80
Aortitis, giant-cell, idiopathic, aortic valve replacement for severe aortic regurgitation due to, 60
Aortocoronary bypass graft, autologous, histological survey of saphenous vein before use as, 519
saphenous vein bypass grafting in patient with single coronary artery arising from right aortic sinus, 207
Aortopulmonary shunts, creation and closure of, pulmonary vascular changes in young piglets after (P), 79
Apnoea during sleep in acromegaly (P), 237
during sleep in Scheie's syndrome, 85
APPELBAUM, P C. *See* CAMERON, E W J, APPLEBAUM, P C, *et al*
APUD cells and neuroepithelial bodies in hamster lung, methods of demonstration, quantitation and response to injury, 363
ARASZKIEWICZ, Z. *See* ZIELINSKI, J, CHODOSOWSKA, E, *et al*
Arterial pH, respiratory, oscillations in, attenuation in chronic airways obstruction, relation to carbon dioxide retention (P), 710
pulse tracings, indirect, in children with coarctation of aorta before and after operation, 128
Asbestos exposure, restrictive pleurisy associated with, physiological findings and histopathology in (P), 715
pleural disease, case for compensation in (P), 714
pleurisy, respiratory function changes after, 31
Asbestosis, mortality in relation to initial radiographic appearance (P), 235
ASHRAF, M H, WALESBY, R K, and NOHL-OSER, H C: Long-term survival in bronchial carcinoma in cases selected by mediastinoscopy (P), 77
—. *See also* LUISI, S V, ASHRAF, M H, *et al*
Aspergilloma, massive haemoptysis from, radiotherapy for, 953
Aspergillosis, necrotising, complicating fulminating viral pneumonia, 215
Asthma, bronchial, bronchoconstriction induced by exercise in, plasma catecholamine levels during, 823
changes in effective pulmonary blood flow with prednisolone in (P), 238
chronic, corticosteroid resistance in (P), 719
chronic, corticosteroid resistance in, and monocyte complement receptors (P), 720
circadian rhythms in peak expiratory flow rate in, comparison with normal rhythms, 732
clinically stable, lung elastic recoil and reduced airflow in, 298
deaths, epidemic of, and evidence of increased aerobiological challenge (P), 236
effect of inhaled H1 and H2 receptor antagonists, 428
from chloramine-T (P), 237
in childhood, genetic factors in, 671
induced by exercise, cholinergic blockade by ipratropium bromide in prevention of, 680
induced by exercise, effect of inhaled antihistamine (clemastine), 675
induced by exercise, hyperventilation in (P), 718
induced by exercise, protective effects of repeated short sprints in, 828
inhaler attachment ('spacer') for children with, use of, 620
mite-sensitive, effect of change to mite-free bedding on children with, controlled trial of, 513
mite-sensitive, effects of anti-mite measures on children with, controlled trial of, 506
multiple exercise and histamine challenge in, 164
nocturnal, circulating adrenaline, histamine, and cortisol in (P), 712
nocturnal, slow-release oral salbutamol and aminophylline in, relation of overnight changes in lung function and plasma drug levels, 526
occupational (E), 241
prazosin inhalation in (P), 239
prevalence in Rhodesian Africans, 833
salbutamol respirator solution in, optimal dose of (P), 716
service for adult patients, 111
severe, after inadvertent ingestion of oxprenolol, 160
treatment of, evidence of inadequacy in general practice (P), 236
Atopy and bronchial reactivity in cystic fibrosis (P), 232
and bronchial reactivity in older patients with cystic fibrosis, 807
Atrial appendage, left, congenital intrapericardial aneurysm of, 151
appendage, left, congenital intrapericardial aneurysm of, diagnosis by radionuclide angiography, 154
myxoma (P), 74
myxomas, long asymptomatic period of, 70
pacing systems, rapid, radiofrequency, patient-activated, long-term control of AV nodal tachycardias by (P), 77
Atrioventricular conduction system in univentricular heart of right ventricular type with right-sided rudimentary chamber, 123

nodal tachycardia, long-term control by patient-activated radiofrequency rapid atrial pacing systems (P), 77
Atropine sulphate and atropine methonitrate, inhaled, comparison of bronchodilator potencies, 932
AUSSEM, J W. *See* HOUSER, W C, DORFF, G J, *et al*
Autonomic failure, chronic, mucociliary clearance in (P), 235; 690
Axial tomography, computerised, in study of normal and emphysematous lungs (P), 236
tomography, computerised, of brain as preoperative screen in bronchial carcinoma (P), 77
AYOUB, A W, LAU, O J, DEVERALL, P B, and YATES, A K: Silent carotid artery disease in cardiac surgical patients: its detection by ultrasound methods (P), 76
AZARIADIS, M, FIRMIN, R K, REES, A, PANETH, M, LINCOLN, C R, and LENNOX, S C: Carcinoma of the bronchus: incremental factors affecting prognosis (P), 222

B

Bacillus Calmette-Guérin. *See* BCG
BACON, P A. *See* SCOTT, D G I, and BACON, P A
Bacterial culture of perfusion blood after open-heart surgery, 754
BAILEY, A. *See* WALD, N J, IDLE, M, *et al*
BAIN, W H. *See* TAYLOR, K M, BAIN, W H, *et al*
BAINBRIDGE, E T, and MATTHEWS, H R: Hypoxaemia after left thoracotomy for benign oesophageal disease, 264
BALCI, K. *See* YAZICIOGLU, S, ILÇAYTO, R, *et al*
BALDOCK, N. *See* PERKS, W H, COOPER, R A, *et al*
—. *See* PERKS, W H, HORROCKS, P, *et al*
BALDWIN, C J. *See* MACKAY, A D, BALDWIN, C J, *et al*
BALDWIN, M A, LAMB, D, and EVANS, D P: Effect of a single dose of isoprenaline or salbutamol on airway epithelial goblet cells in the rat (P), 717
BALL, J B. *See* MITCHELL, D M, MORGAN, P G M, *et al*
BANHAM, S W. *See* MACKENZIE, H, MCSHARRY, C, *et al*
BANKS, D E, CASTELLAN, R M, and HENDRICK, D J: Lymphocytic lymphoma recurring in multiple endobronchial sites, 796
BANNISTER, R. *See* JENKINS, P, PAVIA, D, *et al*
BARBOSA-AYÚCAR, C. *See* POZO-RODRIGUEZ, F, FREIRE-CAMPO, J M, *et al*
BARHAM, C. *See* HONEYBOURNE, D, BARHAM, C, *et al*
BARNARD, J D W. *See* GLYNN, C J, LLOYD, J W, *et al*
BARNES, P J, FITZGERALD, G A, BROWN, M J, and DOLLERY, C T: Circulating adrenaline, histamine, and cortisol in nocturnal asthma (P), 712
—, IND, P and DOLLERY, C T: Inhaled prazosin in asthma (P), 239
—. *See also* GRIBBIN, H R, BARNES, P J, *et al*
BARNSLEY, W C. *See* NAKVI, A J, and BARNSLEY, W C
BARR, M M. *See* WOLLMER, P, BARR, M M, *et al*
BÄRTSCHI, J P. *See* RÜTTNER, J R, BÄRTSCHI, J P, *et al*
BASSETT, H F M: Modified sternotomy (P), 78
BATEMAN, J R M, NEWMAN, S P, DAUNT, K M, SHEAHAN, N F, PAVIA, D, and CLARKE, S W: Cough versus chest physiotherapy in the regional clearance of excessive tracheobronchial secretions (P), 227
—, SIEGLER, D, WAGSTAFF, D, and CLARKE, S W: Comparison of serial electrocardiographic and vectorcardiographic changes during recovery from status asthmaticus, 355
—. *See also* JENKINS, P, PAVIA, D, *et al*
BATEMAN, N T. *See* LYALL, J R W, SUMMERS, G D, *et al*
BATES, M: Fibreoptic bronchoscopy (*Letter*), 640
BAUMGARTNER, W A, and MARK, J B D: Recurrent major haemoptysis: progression to pneumonectomy, 905
BAX, R P. *See* HARVARD, C W H, BAX, R P, *et al*
BCG immunotherapy, adjuvant, in squamous cell bronchial carcinoma, 781
BECKLAKE, M R. *See* HURWITZ, S, ALLEN, J, *et al*
BELCHER, J R: Are we taking enough notice of pollution? (P), 709
—. *See also* CHAPMAN, J R, WALESBY, R K, *et al*
—. *See also* STOKES, T C, STEVENS, J, *et al*
—. *See also* TREASURE, T, and BELCHER, J R
BELLAMY, D. *See* HUGHES, J A, HUTCHINSON, D C S, *et al*
BELLO, R, CAMPBELL, M J, COLLINS, G, COTES, J E, and TAGARO, D R: Transit time and derivatives as guides to the reversibility of chronic airflow obstruction (P), 225
BENATAR, S R, ALLAN, B, HEWITSON, R P, and DON, P A: Allergic bronchopulmonary stemphyliosis, 515
BENNETT, B. *See* SOUTAR, C A, COPLAND, L H, *et al*
BENTALL, H H. *See* WALESBY, R K, GALLAND, R B, *et al*
BENUSIGLIO, L N, STALDER, H, and JUNOD, A F: Time course of lung function changes in atypical pneumonia, 586
BEREND, N, SKOOG, C, WASZKIEWICZ, L, and THURLBECK, W M: Maximum volumes in excised human lungs: effects of age, emphysema, and formalin inflation, 859
—, WOOLCOCK, A J, and MARLIN, G E: Effects of lobectomy on lung function, 145
—. *See also* MARLIN, G E, DAVIS, P R, *et al*
BERRY, G. *See* COCKROFT, A, SAUNDERS, M, *et al*
BERTELSEN, S, STRUVE-CHRISTENSEN, E, AASTED, A, and SPARUP, J: Isolated middle lobe atelectasis: aetiology pathogenesis and treatment of the so-called middle lobe syndrome, 449
Beta-adrenergic responsiveness, bronchial, and hydrocortisone (P), 238
Beta-adrenoceptor antagonists, blockade with, acute and chronic, effect on carbon dioxide sensitivity in normal man, 869
BIANCO, M R. *See* VULTERINI, S, BIANCO, M R, *et al*
BIERMAN, C W. *See* PETHERAM, I S, BIERMAN, C W, *et al*
BIGGAR, R. *See* KIBRIA, G, HEATH, D, *et al*
BILES, B. *See* DE POITIERS, W, LORD, P W, *et al*
Biopsy, brush and conventional, sequential, direct comparison of diagnostic sensitivity in lung malignancy, 929
needle, of lung, pneumothorax in, prevention by breathing of 100% oxygen, 37
pleural, multiple, with Abrams needle, 600
BIRD, R. *See* STUDDY, P R, BIRD, R, *et al*
BJÖRK, V O, and HENZEL, A: More than 10 years' experience with the Björk-Shiley tilting disc valve (P), 79
Björk-Shiley and Starr-Edwards mitral valve replacement, chronic haemolysis after, comparison with Lillehei-Kaster valve replacement, 290
tilting disc valve, more than 10 years' experience with (P), 79
valves, thrombotic obstruction of (P), 223
Blalock-Taussig shunts with Gore-tex conduit modification, results in infants and children (P), 79
Blesovsky's syndrome (lung folding simulating peripheral pulmonary neoplasm) (P), 227; 936
BLIEDEN, L C. *See* MILO, S, YELLIN, A, *et al*
Blood and sputum concentrations of cefuroxime in lower respiratory tract infection, 379
flow, pulmonary, effective, changes with prednisolone in normal and asthmatic subjects (P), 238
perfusion, bacterial culture after open-heart surgery, 754
BLOOM, R, YEAGER, H, JR, and GARAGUSI, V F: Pleuropulmonary complications of thoracic vertebral osteomyelitis, 156

BLOOMBERG, T J, and DOW, C J: Contemporary mediastinal tuberculosis, 392
Bodington, George (1799–1882), 486
BODNAR, E, HABERMAN, S, and WAIN, W H: Practical approach to actuarial analysis in cardiac surgery (P), 79
Boerhaave syndrome, 890, 898
Bolus obstruction of 'normal' oesophagus (P), 719
Bone formation, new, hypertrophic osteoarthropathy without radiographic evidence of, 479
scanning in hypertrophic osteoarthropathy (*Letter*), 960
wax in median sternotomy, comparison with new absorbable bone sealant (Absele) (P), 78
BONS, J. *See* DHAINAUT, J F, BONS, J, *et al*
BOREHAM, J. *See* WALD, N J, IDLE, M, *et al*
BORENSTEIN, S. *See* DE TROYER, A, BORENSTEIN, S, *et al*
BORRIE, J, and WILSON, R L K: Oesophageal diverticula: principles of management and appraisal of classification, 759
BORTOLOTTI, U. *See* THIENE, G, MIAZZI, P, *et al*
BOSCH, J M M VAN DEN, SWIERENGA, J, GELISSEN, H J, and LAROS, C D: Post-pneumonectomy oesophagopleural fistula, 865
BOYD, G. *See* MACKENZIE, H, MCSHARRY, C, *et al*
BOYD, M J, WILLIAMS, I P, TURTON, C W G, BROOKS, N, LEECH, G, and MILLARD, F J C: Echocardiographic method for the estimation of pulmonary artery pressure in chronic lung disease, 914
Brachial plexus, schwannoma of, with intrathoracic extension, 703
BRADBURY, S. *See* PERKS, W H, COOPER, R A, *et al*
—. *See* PERKS, W H, HORROCKS, P, *et al*
BRAIMBRIDGE, M V. *See* LYALL, J R W, SUMMERS, G D, *et al*
—. *See* MORGAN, E, SANG, C T M, *et al*
—. *See* SANG, C T M, BRAIMBRIDGE, M V, *et al*
—. *See* SUMMERS, G D, LYALL, J R W, *et al*
BRAIN, E A. *See* SIBBALD, B, HORN, M E C, *et al*
Brain scanning, CAT, as preoperative screen in bronchial carcinoma (P), 77
BRANTHWAITE, M A. *See* GILLBE, C E, SALT, J C, *et al*
Breast cancer, endobronchial metastasis in, 435
Breath, single, closing volume test, final fall in concentration of bolus gas in (P), 715
single, washout curves, mechanisms of phases III and IV in (P), 715
Breathing patterns, monitoring by single pair of magnetometer coils in intensive care unit, 384
BRICARD, C. *See* DHAINAUT, J F, BONS, J, *et al*
British Thoracic Association: Joint Meeting with Thoracic Society, 222
BRITTON, M G: Asbestos pleural disease: a case for compensation? (P), 714
BROGAN, T D, DAVIES, B H, RYLEY, H C, ROSS, P J, and NEALE, L: Composition of bronchopulmonary secretions from patients with bronchiectasis, 624
Bronchial artery ligation in treatment of major haemoptysis (P), 223
beta-adrenergic responsiveness and hydrocortisone (P), 238
carcinoid tumour, unilateral increased transradiancy of lung due to, 739
carcinoma, CAT brain scanning as preoperative screen in (P), 77
carcinoma, diagnosis and staging of, gallium 67 scan in (P), 709
carcinoma, diagnosis of, comparison of fibreoptic and rigid bronchoscopy in (P), 77; 929
carcinoma, immunological state before and after radiotherapy in, 500
carcinoma in smokers, genetic component in? (P), 709
carcinoma, incremental factors affecting prognosis in (P), 222
carcinoma, large cell, anaplastic, prognostic features of, 118
carcinoma, long-term survival in cases selected by mediastinoscopy (P), 77
carcinoma, oat cell, treatment by preoperative radiotherapy and surgery (P), 222
carcinoma, pleural calcification and pleural mesotheliomas due to tremolite dust, 564
carcinoma, preoperative carcinoembryonic antigen levels correlated with postoperative pathological staging in, 920
carcinoma, reoperation for, 668
carcinoma, small cell, early, operable, determination of best treatment for (E), 721
carcinoma, small cell, resection of, survival after, 819
carcinoma, squamous cell, adjuvant BCG immunotherapy in, 781
carcinoma, superior caval obstruction due to, venography in assessment for bypass operations in, 628
carcinoma, surgical treatment for, quality of survival after, 255
disease in ulcerative colitis, 581; (P), 708
gland histochemistry in lungs removed for cancer, 546
mucous gland enlargement, quantitative study of, 198
obstruction, lung mechanics in cases of increased residual volume without, 461
reactivity and atopy in cystic fibrosis (P), 232
reactivity and atopy in older patients with cystic fibrosis, 807
Bronchiectasis, bronchopulmonary secretions in, composition of, 624
complicating chronic lymphatic leukaemia with hypogammaglobulinaemia, 217
long-term follow-up and outlook in 116 patients (P), 230
lung crackles in, 694
Bronchitis, chronic, acute exacerbation of, comparison of ampicillin and amoxycillin in (*Letter*), 319
chronic, corticosteroids in, evaluation of response to, role of patient's assessment in (P), 238
chronic, local IgA production in, effect of acute respiratory infection, 202
chronic, plasma and sputum erythromycin concentrations in, 441
Bronchoalveolar lavage (E), 1
lavage fluid cell counts and therapy in cryptogenic fibrosing alveolitis, 328
lavage in pulmonary fibrosis, comparison of lung biopsy cells and clinical features, 9
Bronchoconstriction induced by exercise in bronchial asthma, plasma catecholamine levels during, 823
Bronchodilator efficacy of terbutaline delivered from metered dose inhaler, effect of extension tube (P), 228; 552
potencies of inhaled atropine sulphate and atropine methonitrate, comparison of, 932
responses, measurement by partial expiratory flow-volume curves in normal subjects (P), 225
Bronchogenic carcinoma, preoperative carcinoembryonic antigen levels correlated with histology and pathological staging in (P), 78
carcinoma, radiotherapy alone and with adjuvant 5-fluorouracil and adriamycin in, comparison of (P), 231
cyst, congenital, mycobacterial infection of, 312
Bronchopulmonary secretions in bronchiectasis, composition of, 624
stemphyliosis, allergic, 515

Bronchoscopic assessment of tracheal damage after endotracheal intubation (P), 227
Bronchoscopy, fibreoptic (*Letter*), 640
fibreoptic, and diagnosis of pulmonary lesions in Hodgkin's disease, lymphoma and leukaemia, 19
fibreoptic and rigid, comparison of, in diagnosis of bronchial carcinoma (P), 77; 929
rigid, and cold saline lavage in management of massive haemoptysis, 901
Bronchospasm, postoperative, associated with lymphomatoid granulomatosis, 707
Bronchus, new growth of, relation to pollution (P), 709
segmental, anterior, of right upper lobe, anomalous origin of, 213
BROOKS, N. *See* BOYD, M J, WILLIAMS, I P, *et al*
BROWN, D J. *See* PIERCE, R J, BROWN, D J, *et al*
BROWN, M J. *See* BARNES, P J, FITZGERALD, G A, *et al*
BRUMFITT, W. *See* ACOCELLA, G, BRUMFITT, W, *et al*
—. *See* HAVARD, C W H, BAX, R P, *et al*
BUIRSKI, G, CALVERLEY, P, DOUGLAS, N J, LAMB, D, MCINTYRE M, SUDLOW, M F, and WHITE, H: Transbronchial needle aspiration: a new diagnostic technique (P), 711
BURGE, P S. *See* DALLY, M B, COUTTS, I I, *et al*
BURNETT, D. *See* STOCKLEY, R A, AFFORD, S C, *et al*
—. *See* STOCKLEY, R A, and BURNETT, D
BURR, M L, DEAN, B V, MERRETT, T G, NEALE, E, ST LEGER, A S, and VERRIER-JONES, E R: Effects of anti-mite measures on children with mite-sensitive asthma: a controlled trial, 506
—, NEALE, E, DEAN, B V, and VERRIER-JONES, E R: Effect of a change to mite-free bedding on children with mite-sensitive asthma: a controlled trial, 513
BURROWS, B. *See* TURNER-WARWICK, M, BURROWS, B, *et al*
—. *See* TURNER-WARWICK, M, LEBOWITZ, M, *et al*
BURSZTEIN, S. *See* OLIVEN, A, TAITELMAN, U, *et al*
BURTON-KEE, J E. *See* JOHNSON, N M, MCNICOL, M W, *et al*
BUTLAND, R J A, PANG, J A C K, and GEDDES, D M: Effect of carbimazole on exercise tolerance in chronic airways obstruction (P), 718
—, —, —: Effect of metoprololon exercise tolerance in emphysema (P), 233
BUXTON-THOMAS, M. *See* WRIGHT, P H, KEELING, P W N, *et al*

C

Calcification, pleural, pleural mesotheliomas and bronchial cancers due to tremolite dust, 564
CALVERLEY, P. *See* BUIRSKI, G, CALVERLEY, P, *et al*
CAMERON, E W J, APPELBAUM, P C, PUDIFIN, D, HUTTON, W S, CHATTERTON, S A, and DUURSMA, J: Characteristics and management of chronic destructive pneumonia, 340
CAMERON, I R. *See* SHEE, C D, POOLE, D, *et al*
CAMM, A J, WARD, D E, PEARCE, R C, REES, G M, and SPURRELL, A J: Long-term results of cryosurgical His bundle ablation and ablation of refractory ventricular tachycardia (P), 76
—. *See also* WARD, D E, CAMM, A J, *et al*
CAMPBELL, A H. *See* ALLEN, C J, and CAMPBELL, A H
CAMPBELL, M J. *See* BELLO, R, CAMPBELL, M J, *et al*
CAPEL, L H. *See* NATH, A R, and CAPEL, L H
—. *See* WRIGHT, P H, HANSON, A, *et al*
Carbimazole, effect on exercise tolerance in chronic airways obstruction (P), 718
Carbon dioxide retention, relation to attenuation of respiratory arterial pH oscillations in chronic airways obstruction (P), 710
dioxide sensitivity, effect of acute and chronic beta-blockade in normal man, 869
monoxide, inhaled dose of, estimation of, evaluation of methods for, 47
Carcinoembryonic antigen, plasma measurements in preoperative assessment of lung cancer (P), 224
antigen, preoperative levels correlated with histology and pathological staging in bronchogenic carcinoma (P), 78
antigen, serum levels, preoperative, in bronchial carcinoma, correlation with postoperative pathological staging, 920
Carcinoid tumour, bronchial, unilateral increased transradiancy of lung due to, 739
tumours of lung, 69 cases of (P), 222
tumours of trachea, occurrence of? (P), 229
Carcinoma, bronchial, CAT brain scanning as preoperative screen in (P), 77
bronchial, diagnosis and staging of, gallium 67 scan in (P), 709
bronchial, diagnosis of, comparison of fibreoptic and rigid bronchoscopy in (P), 77; 929
bronchial, immunological state before and after radiotherapy in, 500
bronchial, in smokers, genetic component in? (P), 709
bronchial, incremental factors affecting prognosis in (P), 222
bronchial, large cell, anaplastic, prognostic features of, 118
bronchial, long-term survival in cases selected by mediastinoscopy (P), 77
bronchial, oat cell, treatment by preoperative radiotherapy and surgery (P), 222
bronchial, pleural calcification and pleural mesotheliomas due to tremolite dust, 564
bronchial, preoperative carcinoembryonic antigen levels correlated with postoperative pathological staging in, 920
bronchial, reoperation for, 668
bronchial, small cell, early, operable, determination of best treatment for (E), 721
bronchial, small cell, resection of, survival after, 819
bronchial, squamous cell, adjuvant BCG immunotherapy in, 781
bronchial, superior caval obstruction due to, venography in assessment for bypass operations in, 628
bronchial, surgical treatment for, quality of survival after, 255
bronchogenic, preoperative carcinoembryonic antigen levels correlated with histology and pathological staging in (P), 78
bronchogenic, radiotherapy alone and with adjuvant 5-fluorouracil and adriamycin in, comparison of (P), 231
hepatocellular, primary, lung metastases from, 316
oat cell, inappropriate ADH secretion due to, relief by lung resection, 635
of breast, endobronchial metastasis in, 435
of oesophagus, surgical treatment of (P), 223
of trachea, primary, mixed squamous and oat cell type, 72
pulmonary, and cryptogenic fibrosing alveolitis, 496
pulmonary, bronchial gland histochemistry in lungs removed for, 546
pulmonary, chromium content of lungs of chromate workers with, 294
pulmonary, in defined geographical area in Finland, history and histological types, 660
pulmonary, plasma CEA measurements in preoperative assessment of (P), 224

pulmonary, small cell, ectopic hormone production in, diagnostic and therapeutic implications of, 101
pulmonary, squamous cell, lobar infiltration by, 633
Cardiac and respiratory responses to exercise in adolescent idiopathic scoliosis, 347
tamponade in acute pancreatitis, 959
See also Heart
Cardiopulmonary bypass, pulsatile and non-pulsatile, comparative clinical study in 325 patients (P), 75
Cardiovascular response to intravenous aminophylline in normal subjects (P), 717
CARMICHAEL, J, PATERSON, I C, DIAZ, P, KAY, A B, CROMPTON, G K, and GRANT, I W B: Corticosteroid resistance in chronic asthma (P), 719
—. *See also* KAY, A B, DIAZ, P *et al*
Carotid artery disease, silent, in cardiac surgery, detection by ultrasound methods (P), 76
Carson, James (1772–1843), 483
CASAROTTO, D. *See* THIENE, G, MIAZZI, P, *et al*
CASTELLAN, R M. *See* BANKS, D E, CASTELLAN, R M, *et al*
Catecholamines, plasma levels during exercise-induced bronchoconstriction in bronchial asthma, 823
Catheter tips in open-heart surgery, species of coagulase-negative staphylococci isolated from, 359
CAYTON, R M. *See* MATTHEWS, H R, HARDING, L K, *et al*
Cefuroxime, sputum and blood concentrations in lower respiratory tract infection, 379
Cell counts in bronchoalveolar lavage fluid and therapy in cryptogenic fibrosing alveolitis, 328
CERATTI DE AZAMBUJA, P. *See* FRAGOMENI, L S, and CERATTI DE AZAMBUJA, P
Cervical aortic arch with aortic obstruction, 2 cases of, 26
CHAPMAN, J R, WALESBY, R K, and BELCHER, J R: Case report of nocardia asteroides causing mediastinitis requiring surgical drainage (P), 78
CHARALAMPAKIS, S. *See* JORDANOGLOU, J, TATSIS, G, *et al*
CHATTERTON, S A. *See* CAMERON, E W J, APPELBAUM, P C, *et al*
CHERIAN, G. *See* PERIANAYAGAM, W J, MURALIDHARAN, S, *et al*
Chest infection, use of antibiotics in district general hospital for treatment of, assessment of (P), 717
physiotherapy versus cough in regional clearance of excessive tracheobronchial secretions (P), 227
radiograph, lymphangioma of middle mediastinum as incidental finding on, 955
wall mechanics during cough in emphysema and fibrosing alveolitis (P), 229
CHEUNG, D L. *See* PHOTIOU, S A, CHEUNG, D L, *et al*
CHEUNG, K L. *See* MOK, C K, CHEUNG, K L, *et al*
CHILVERS, C. *See* REES, P J, CHILVERS, C, *et al*
Chloramine-T, asthma from (P), 237
CHODOSOWSKA, E. *See* ZIELINSKI, J, CHODOSOWSKA, E, *et al*
Cholinergic blockade by ipratropium bromide in prevention of exercise-induced asthma, 680
Chordae, ruptured, surgical management of (P), 80
Chromium content of lungs of chromate workers with lung cancer, 294
Cigarette smoke inhalation and acute airway response, 246
Cilia, immotile, syndrome of (E), 401
Cimetidine workers, respiratory sensitisation in (P), 716
Cirrhosis of liver and plexogenic pulmonary arteriopathy, 133
CITRON, K M. *See* JENKINS, P, PAVIA, D, *et al*
CLARK, T J H. *See* HETZEL, M R, and CLARK, T J H
—. *See* HIGENBOTTAM, T W, COCHRANE, G M, *et al*
—. *See* HIGENBOTTAM, T W, FEYERABAND, C, *et al*
—. *See* REES, P J, CHILVERS, C, *et al*
—. *See* REES, P J, HIGENBOTTAM, T W, *et al*
CLARKE, B G. *See* MORRIS, M J, SMITH, M M, *et al*
CLARKE, S W. *See* BATEMAN, J R M, NEWMAN, S P, *et al*
—. *See* BATEMAN, J R M, SIEGLER, D, *et al*
—. *See* JENKINS, P, PAVIA, D, *et al*
—. *See* NEWMAN, S P, PAVIA, D, *et al*
CLELAND, J. *See* SOORAE, A S, MCKEOWN, F, *et al*
Clemastine, inhaled, effect on exercise-induced asthma, 675
ketotifen, and disodium cromoglycate, modifying effects on allergen and histamine dose-response relationships in nose (P), 717
Clostridium bifermentans, necrotising pneumonia and empyema due to, 310
Cobalt in coolants, role in hard metal lung disease, 653
COCHRANE, G M, PRIOR, J G, and WOLFF, C B: Attenuation of respiratory arterial pH oscillations in patients with chronic airways obstruction: relationship to carbon dioxide retention (P), 710
—. *See also* HIGENBOTTAM, T W, COCHRANE, G M, *et al*
COCKBURN, J S, FOOTE, A V, MCDONALD, A, and MATTHEWS, L: CAT brain scanning as a preoperative screen in bronchial carcinoma (P), 77
COCKCROFT, A, SAUNDERS, M, and BERRY, G: Rehabilitation in chronic respiratory disability: a control study (P), 233
—. *See also* WALTERS, E H, COCKROFT, A, *et al*
COLE, T J. *See* MACDONALD, J B, and COLE, T J
COLEMAN, E N, REID, J M, and STEVENSON, J G: Pulmonary hypertension accompanying ventricular septal defect and patent ductus arteriosus: management in infancy and early childhood (*Letter*), 318
Colitis, ulcerative, bronchial disease in, 581; (P), 708
COLLINS, G. *See* BELLO, R, CAMPBELL, M J, *et al*
COLLINS, J V. *See* HASLAM, P L, TURTON, C W G, *et al*
—. *See* MCALLISTER, W A C, MITCHELL, D M, *et al*
—. *See* WINFIELD, C R, MCALLISTER, W A C, *et al*
COLLINS, P. *See* WITHRINGTON, R, and COLLINS, P
Collis-Belsey operation for established peptic stricture of oesophagus (P), 74
COLTART, D J. *See* NAQVI, N, THOMPSON, D, *et al*
COMPTON, C C. *See* FANTA, C H, and COMPTON, C C
Computer, analogue, for pressure-time measurements in valvular heart disease, 52
Computerised axial tomography in study of normal and emphysematous lungs (P), 236
axial tomography of brain as preoperative screen in bronchial carcinoma (P), 77
CONLAN, A A, and HURWITZ, S S: Management of massive haemoptysis with the rigid bronchoscope and cold saline lavage, 901
Connective tissue disease, fibrosing alveolitis associated with, response to methotrexate in, 725
CONNELLAN, S J. *See* WILSON, R S E, and CONNELLAN S J
CONSTANTINIDIS, K. *See* KOUNIS, N G, and CONSTANTINIDIS, K
COOKE, N J. *See* MUNGALL, I P F, COWEN, P N, *et al*
COOKE, N T. *See* MUNGALL, I P F, COWEN, P N, *et al*
COOKSON, J B, and MAKONI, G: Prevalence of asthma in Rhodesian Africans, 833
COOPER, D K C. *See* ENGLISH, T A H, COOPER, D K C, *et al*
—. *See* WELLS, F C, COOPER, D K C, *et al*
COOPER, R A. *See* PERKS, W H, COOPER, R A, *et al*
—. *See* PERKS, W H, HORROCKS, P, *et al*
COPLAND, L H. *See* SOUTAR, C A, COPLAND, L H, *et al*
CORDIER, R. *See* DE TROYER, A, BORENSTEIN, S, *et al*
COREY, M. *See* KATTAN, M, MANSELL, A, *et al*
CORMIER, Y, LAVIOLETTE, M, and TARDIF, A: Prevention of pneumothorax in needle lung biopsy by breathing 100% oxygen, 37
Coronary artery bypass surgery, trends in (P), 74
artery, right, anomalous origin of, with aortopulmonary window, functional and surgical considerations in, 446

artery, single, arising from right aortic sinus, aorto-coronary saphenous vein bypass grafting in patient with, 207
Corticosteroid treatment, response of cryptogenic fibrosing alveolitis to, and effect on survival, 593
Corticosteroids in chronic bronchitis, evaluation of response to, role of patient's assessment in (P), 238
resistance to, in chronic asthma (P), 719
resistance to, in chronic asthma, and monocyte complement receptors (P), 720
Cortisol, adrenaline, and histamine, circulating, in nocturnal asthma (P), 712
Corynebacterium parvum, intrapleural immunotherapy with, in recurrent malignant pleural effusions, 856
CORY-PEARCE, R. *See* WARD, D E, CAMM, A J, *et al*
COSTELLO, J F. *See* HONEYBOURNE, D, BARHAM, C, *et al*
COSTER, A DE. *See* SERGYSELS, R, MEERHAEGHE, A VAN, *et al*
COTES, J E. *See* BELLO, R, CAMPBELL, M J, *et al*
COTTER, L. *See* HONEY, M, COTTER, L, *et al*
Cough in emphysema and fibrosing alveolitis, chest wall mechanics during (P), 229
versus chest physiotherapy in regional clearance of excessive tracheobronchial secretions (P), 227
COUTTS, I I, GILSON, J C, KERR, I H, PARKES, W R, and TURNER-WARWICK, M: Mortality in asbestosis in relation to initial radiographic appearance (P), 235
—. *See also* DALLY, M B, COUTTS, I I, *et al*
COWEN, P N. *See* MUNGALL, I P F, COWEN, P N, *et al*
Crackles in lung, waveform and spectral analysis of, 843
CROFTON, J W. *See* ELLIS, D A, THORNLEY, P E, *et al*
CROMPTON, G K. *See* CARMICHAEL, J, PATERSON, I C, *et al*
CRUPI, G, GIBSON, D, HEARD, B, and LINCOLN, C R: Severe late failure of a porcine xenograft mitral valve: clinical, echocardiographic, and pathological findings, 210
—. *See also* TIRABOSCHI, R, CRUPI, G, *et al*
Cryoanalgesia in management of pain after thoracotomy, 325
Cryosurgical His bundle ablation and cryoablation of refractory ventricular tachycardia, long-term results of (P), 76
CUVELIER, C A. *See* KAUFMAN, J M, CUVELIER, C A, *et al*
Cyst, bronchogenic, congenital, mycobacterial infection of, 312
Cystic fibrosis, atopy and bronchial reactivity in (P), 232
fibrosis, atopy and bronchial reactivity in older patients with, 807
fibrosis, immunological abnormalities in (E), 801
fibrosis, intermittent aerosol therapy with sodium 2-mercaptoethane sulphonate (Mistabron) in, controlled trial of, 42
fibrosis, response to aerosol salbutamol, SCH 1000 (ipratropium bromide) and placebo in, 531
fibrosis, reversible airway obstruction in, 768
fibrosis serum, human, stimulation of mucus secretion in *in vitro* rabbit tracheal preparation by (P), 232
Cysts of mediastinum, dermoid (P), 222

D

DALLY, M B, COUTTS, I I, BURGE, P S, HUNTER, J V, PAGE, R C, HAWKINS, R, and NEWMAN TAYLOR, A J: Respiratory sensitisation in cimetidine workers (P), 716
DARBYSHIRE, J, and DAVIES, P: Medical Research Council (1978–79) survey of notifications of tuberculosis for England and Wales (P), 231
DARK, J F: Pericardial packing: effective last resort (P), 78
DASH, C H. *See* HARVARD, C W H, BAX, R P, *et al*
DAUNT, K M. *See* BATEMAN, J R M, NEWMAN, S P, *et al*
DAVIDSON, K G. *See* TAYLOR, K M, BAIN, W H, *et al*
DAVIES, B H: Infectivity of tuberculosis (E), 481
—, MULLINS, J, and WILLIAMS, D A: Epidemic of asthma deaths: evidence of increased aerobiological challenge (P), 236
—. *See also* BROGAN, T D, DAVIES, B H, *et al*
—. *See also* HARTLEY, J P R, and DAVIES, B H
—. *See also* SAVAGE, A M, PRITCHARD, J A V, *et al*
—. *See also* WALTERS, E H, COCKCROFT, A, *et al*
—. *See also* WILLIAMS, J D, SMITH, M, *et al*
DAVIES, D, and LLOYD JONES, J K: Pulmonary eosinophilia caused by penicillamine, 957
DAVIES, E E. *See* OSMANLIEV, D P, DAVIES, E E, *et al*
DAVIES, H J. *See* FAIRFAX, A J, MCNABB, W R, *et al*
DAVIES, N. *See* SHONEY, M, COTTER, L, *et al*
DAVIES, P. *See* DARBYSHIRE, J, and DAVIES, P
—. *See* JENKINS, P F, WARD, M J, *et al*
DAVIES, R J. *See* PHILLIPS, M J, OLLIER, S, *et al*
DAVIS, B, GETT, P M, and JONES, E S: A service for the adult asthmatic, 111
DAVIS, P R. *See* MARLIN, G E, DAVIS, P R, *et al*
DEAN, B V. *See* BURR, M L, DEAN, B V, *et al*
—. *See* BURR, M L, NEALE, E, *et al*
DEELEY, T J. *See* ANDERSON, G, and DEELEY, T J
—. *See* SAVAGE, A M, PRITCHARD, J A V, *et al*
DE LEVAL, M. *See* MCKAY, R, STARK, J, *et al*
DEMEDTS, M. *See* ROELANDTS, J, VERHAMME, M, *et al*
—. *See* VERHAMME, M, ROELANDTS, J, *et al*
DENISON, D M. *See* HONEY, M, COTTER, L, *et al*
—. *See* PIERCE, R J, BROWN, D J, *et al*
DE POITIERS, W, LORD, P W, BILES, B, and WHIMSTER, W F: Bronchial gland histochemistry in lungs removed for cancer, 546
DERENNE, J P. *See* MURCIANO, D, VIAU, F, *et al*
Dermoid cysts of mediastinum (P), 222
DE TROYER, A, BORENSTEIN, S, and CORDIER, R: Analysis of lung volume restriction in patients with respiratory muscle weakness, 603
—, and YERNAULT, J C: Inspiratory muscle force in normal subjects and patients with interstitial lung disease, 92
DEVERALL, P B. *See* AYOUB, A W, LAU, O J, *et al*
DEWAR, A. *See* FIRMIN, R K, HEARD, B, *et al*
—. *See* HASLAM, P L, TURTON, C W G, *et al*
DHAINAUT, J F, BONS, J, BRICARD, C, and MONSALLIER, J F: Improved oxygenation in patients with extensive unilateral pneumonia using the lateral decubitus position, 792
DHASMANA, J. *See* PAONE, J F, DHASMANA, J, *et al*
—. *See* PAONE, J F, KARDANA, A, *et al*
Diaphragm, function before and after plication, 631
DIAZ, P. *See* CARMICHAEL, J, PATERSON, I C, *et al*
—. *See* KAY, A B, DIAZ, P, *et al*
DIAZ DE ATAURI, J. *See* POZO-RODRIGUEZ, F, FREIRE-CAMPO, J M, *et al*
Diazoxide in primary pulmonary hypertension, clinical and haemodynamic effects, 269
DICKINSON, D F. *See* OYONARTE, M, DICKINSON, D F, *et al*
Disodium cromoglycate, ketotifen, and clemastine, modifying effects on allergen and histamine dose-response relationships in nose (P), 717
Disopyramide, haemodynamic effects after open-heart surgery (P), 76
Diverticula, oesophageal, principles of management and appraisal of classification, 759
DOBIE, J C. *See* HICKEN, P, FREW, E, *et al*
DODD, A. *See* EVANS, C C, ELLIS, A, *et al*
DOLLERY, C T. *See* BARNES, P J, FITZGERALD, G A, *et al*
—. *See* BARNES, P J, IND, P, *et al*
DOMENIGHETTI, G, and PERRET, C: Mycoplasma pneumonia with fulminant evolution into diffuse interstitial fibrosis (*Letter*), 960

DON, P A. *See* BENATAR, S R, ALLAN, B, *et al*
DORFF, G J. *See* HOUSER, W C, DORFF, G J, *et al*
DOUGLAS, A N: Quantitative study of bronchial mucous gland enlargement, 198
DOUGLAS, N J. *See* BUIRSKI, G, CALVERLEY, P, *et al*
DOW, C J. *See* BLOOMBERG, T J, and DOW, C J
DOWD, D E. *See* HUGHES, J A, HUTCHISON, D C S, *et al*
DRAKELEY, M J. *See* PHOTIOU, S A, CHEUNG, D L, *et al*
DREW, C E. *See* GLADSTONE, D, and DREW, C E
Drug-resistant pulmonary tuberculosis, 2 cases of re-infection in family of patient with, 56
Ductus arteriosus, patent, and ventricular septal defect with pulmonary hypertension, management in infancy and early childhood (*Letter*), 318
Dura mater, allogenic, glycerol-preserved, scanning electron microscope appearances before and after implantation into patients (P), 224
Dust respirators, protective value in extrinsic allergic alveolitis, clinical assessment of (P), 708
DUURSMA, J. *See* CAMERON, E W J, APPELBAUM, P C, *et al*
DYDE, J: Collis-Belsey operation for established peptic stricture of the oesophagus (P), 74
DYDE, J A. *See* GRAY, I R, and DYDE, J A
DYET, J F, and MOGHISSI, K: Role of venography in assessing patients with superior caval obstruction caused by bronchial carcinoma for bypass operations, 628
Dyspnoea and pulmonary hypertension, microscopic tumour emboli to lungs as hidden cause of, 794

E

Echocardiographic method for estimation of pulmonary artery pressure in chronic lung disease, 914
Echocardiography in diagnosis of aortic root dilatation in Marfan's syndrome and syphilis, comparison with radiology, 467
ECONOMIDIS, D, MORRIS, A J R, and GREEN, M: Chest wall mechanics during cough in patients with emphysema and fibrosing alveolitis (P), 229
Editorials:
Antibiotics for streptococcal endocarditis, 321
Bronchoalveolar lavage, 1
Hypoxaemia during sleep, 81
Immotile cilia, 401
Immunological abnormalities in cystic fibrosis: chicken or egg?, 801
Infectivity of tuberculosis, 481
Investigating the oesophagus, 161
Mesotheliomas, minerals and man-made mineral fibres, 561
Occupational asthma, 241
Physician among surgeons: thoughts on preoperative assessment, 881
Sarcoid heart disease: a review and an appeal, 641
What is the best treatment for early operable small cell carcinoma of the bronchus?, 721
EDMONDSON, N A, and LEWIS, D J: Distribution and ultrastructural characteristics of Feyrter cells in the rat and hamster airway epithelium, 371
EDWARDS, R H T. *See* MOXHAM, J, SPIRO, S G, *et al*
EKBERG, N L. *See* ALBERTINI, R E, and EKBERG, N L
Electrocardiographs and vectorcardiographs, serial, comparison of changes during recovery from status asthmaticus in, 355
Electron microscope, scanning, appearances of glycerol-preserved allogenic dura mater in, before and after implantation into patients (P), 224
ELKON, K B. *See* IND, P W, GRIBBIN, H R, *et al*
ELLIOTT, J A: Fatal massive haemoptysis after embolectomy for chronic pulmonary embolism, 705
ELLIS, A. *See* EVANS, C C, ELLIS, A, *et al*
ELLIS, D A, THORNLEY, P E, WIGHTMAN, A J A, WALKER, M, and CROFTON, J W: The present outlook in bronchiectasis (P), 230
ELLIS, F H, JR: Education of the thoracic surgeon, 405
ELLUL-MICALLEF, R, MORÉN, F, WETTERLIN, K, and HIDINGER, K C: Use of a special inhaler attachment in asthmatic children, 620
ELMES, P C: Mesotheliomas, minerals, and man-made mineral fibres (E), 561
Embolectomy for chronic pulmonary embolism, fatal massive haemoptysis after, 705
Emboli, tumour, to lungs, microscopic, as hidden cause of dyspnoea and pulmonary hypertension, 794
Embolism, pulmonary, classification of (P), 236
EMERSON, P A. *See* SHNEERSON, J M, EMERSON, P A, *et al*
Empyema and necrotising pneumonia due to *Clostridium bifermentans*, 310
postpneumonectomy, prophylaxis against, 107
Emphysema, age and formalin inflation, effects on maximum volumes in excised lungs, 859
and fibrosing alveolitis, chest wall mechanics during cough in (P), 229
early, elastic recoil changes in, 490
exercise tolerance in, effect of metoprolol (P), 233
pulmonary, lung function indices in, annual decline of (P), 230
Emphysematous lungs studied by computerised axial tomography (P), 236
Endobronchial metastasis in breast cancer, 435
sites, multiple, recurrence of lymphocytic lymphoma in, 796
Endocarditis, fungal, after homograft valve replacement, problems with diagnosis and treatment in, 686
streptococcal, antibiotics for (E), 321
Endothelial cells, pulmonary, pavement patterns of, 186
Endotracheal intubation, tracheal damage after, bronchoscopic assessment of (P), 227
ENGLISH, T. *See* WELLS, F C, COOPER, D K C, *et al*
ENGLISH, T A H, COOPER, D K C, HILTON, C J, WALTON, R, and WHEELDON, D R: Pharmacological and hypothermic inhibition of metabolism during myocardial ischaemia (P), 75
Eosinophilia, pulmonary, due to penicillamine, 957
Eosinophilic pneumonia, chronic, 570
Epidemiological study of respiratory disease in workers exposed to polyvinylchloride dust, 644
Epidermolysis bullosa dystrophica, acquired double-barrel oesophagus in, 472
Epithelial goblet cells in airway, effect of single dose of isoprenaline or salbutamol in rat (P), 717
Epithelium, bronchiolar, rat and hamster, Feyrter cells in, distribution and ultrastructural characteristics of, 371
Erythromycin, plasma and sputum concentrations in chronic bronchitis, 441
ESSED, C E, HO, S Y, HUNTER, S, and ANDERSON, R H: Atrioventricular conduction system in univentricular heart of right ventricular type with right-sided rudimentary chamber, 123
EVANS, C C, ELLIS, A, and DODD, A: Alpha one antitrypsin phenotypes in parenchymal lung disorders (P), 232
EVANS, D P. *See* BALDWIN, M A, LAMB, D, *et al*
Exercise, asthma induced by, cholinergic blockade by ipratropium bromide in prevention of, 680
asthma induced by, effect of inhaled antihistamine (clemastine), 675
asthma induced by, hyperventilation in (P), 718
asthma induced by, protective effect of repeated short sprints in, 828

bronchoconstriction in bronchial asthma induced by, plasma catecholamine levels during, 823
/histamine challenge, multiple, in asthmatics, 164
in adolescent idiopathic scoliosis, cardiac and respiratory responses to, 347
in health and obstructive or restrictive lung impairment, respiratory drive during (P), 709
profound ST segment depression induced by, in Wolff-Parkinson-White syndrome patient with normal coronary arteriograms, 559
testing in pulmonary sarcoidosis (P), 716
tolerance in chronic airways obstruction, effect of carbimazole (P), 718
tolerance in emphysema, effect of metoprolol (P), 233
Expiration, forced, spirogram of, partial effective times in health and mild airways obstruction, 375
forced, spirogram of, transit time analysis of, in male smokers (P), 224
Expiratory flow rate, peak, comparison of normal and asthmatic circadian rhythms in, 732
flow rates measured with low density gas mixtures for assessment of airways obstruction, reproducibility of (P), 226
flow-volume curves, partial, in measurement of bronchodilator responses in normal subjects (P), 225

F

FAIRFAX, A J, MCNABB, W R, DAVIES, H J, and SPIRO, S G: Slow-release oral salbutamol and aminophylline in nocturnal asthma: relation of overnight changes in lung function and plasma drug levels, 526
FANTA, C H, and COMPTON, C C: Microscopic tumour emboli to the lungs: a hidden cause of dyspnoea and pulmonary hypertension, 794
Fatigue, respiratory muscle (sternomastoid), studies of (P), 226
FAUX, J A. *See* HENDRICK, D J, MARSHALL, R, *et al*
FAZIO, F. *See* GORDON, I, HELMS, P, *et al*
—. *See* WOLLMER, P, BARR, M M, *et al*
FENG, Y-F, MASTERSON, J B, and RIDDELL, R H: Lymphangioma of the middle mediastinum as an incidental finding on a chest radiograph, 955
FEYERABAND, C. *See* HIGENBOTTAM, T W, FEYERABAND, C, *et al*
Feyrter cells in rat and hamster airway epithelium, distribution and ultrastructural characteristics of, 371
FEYTER, P J DE, ZIENKOWICZ, B S, HEIDENDAL, G A K, MAJID P A, and ROOS, J P: Radionuclide angiography in the diagnosis of congenital intrapericardial aneurysm of the left atrial appendage, 154
Fibreoptic bronchoscopy (*Letter*), 640
bronchoscopy and diagnosis of pulmonary lesions in Hodgkin's disease, lymphoma and leukaemia, 19
bronchoscopy in diagnosis of bronchial carcinoma, comparison with rigid bronchoscopy (P), 77; 929
Fibrosis, cystic. *See* Cystic fibrosis
interstitial, diffuse, Mycoplasma pneumonia with fulminant evolution into, 140; (*Letter*), 960
pulmonary, bronchoalveolar lavage in, comparison of lung biopsy cells and clinical features, 9
FICK, R B, JR. *See* GEE, J B L, and FICK, R B, JR.
Finland, lung cancer in defined geographical area in, history and histological types, 660
FINNEGAN, O C, FOWLES, S J, and WHITE, R J: Radiographic patterns in Mycoplasma pneumonia (P), 230
Firemen, smoke inhalation in, 838
FIRMIN, R K, FRAGOMENI, L S, and LENNOX, S C: Complete cleft sternum, 303
—, HEARD, B, DEWAR, A, and LENNOX, S C: Do carcinoid tumours of the trachea occur? (P), 229
—. *See also* AZARIADIS, M, FIRMIN, R K, *et al*
FISHER, J, and SHAW, A: Calibration of peak flow meters (*Letter*), 880
—. *See also* SHAW, A, and FISHER, J
FISHMAN, L S. *See* SCHONFELD, T, O'NEAL, M H, *et al*
Fistula, oesophagopleural, post-pneumonectomy, 965
FITZGERALD, G A. *See* BARNES, P J, FITZGERALD, G A, *et al*
FITZGERALD, M X. *See* TOBIN, M J, FITZGERALD, M X, *et al*
—. *See* TOBIN, M J, MAGUIRE, O, *et al*
FLEMING, H A: Sarcoid heart disease: a review and an appeal (E), 641
FLENLEY, D C: Hypoxaemia during sleep (E), 81
FLETCHER, J. *See* JENKINS, P F, WARD, M J, *et al*
FLINT, M L H: Asthma from chloramine-T (P), 237
FLOWER, C D R. *See* LIPSCOMB, D J, HADFIELD, J W, *et al*
5-Fluorouracil and adriamycin, adjuvant, radiotherapy with, in bronchogenic carcinoma, comparison with radiotherapy alone (P), 231
FOOTE, A V. *See* COCKBURN, J S, FOOTE, A V, *et al*
Formalin inflation, age and emphysema, effects on maximum volumes in excised lungs, 859
FORMAN, J W, and UNGER, K M: Unilateral superior vena caval syndrome, 314
FOWLES, S J. *See* FINNEGAN, O C, FOWLES, S J, *et al*
FOX, B, and SEED, W A: Chronic eosinophilic pneumonia, 570
FRAGOMENI, L S, and CERATTI DE AZAMBUJA, P: Intrathoracic goitre in the posterior mediastinum, 638
—. *See also* FIRMIN, R K, FRAGOMENI, L S, *et al*
FRANKS, R, WILLIAMS, S, TUBBS, O S, and LENNOX, S C: Bronchial artery ligation as the treatment of major haemoptysis (P), 223
FREEMAN, R: Short-term adverse effects of antibiotic prophylaxis for open-heart surgery, 941
—, and HJERSING, N: Bacterial culture of perfusion blood after open-heart surgery, 754
—, —: Species of coagulase-negative staphylococci isolated from catheter tips from open-heart surgery patients, 359
FREIRE-CAMPO, J M. *See* POZO-RODRIGUEZ, F, FREIRE-CAMPO, J M, *et al*
FREW, E. *See* HICKEN, P, FREW, E, *et al*
FRIEND, J A R. *See* NICHOLLS, A J, FRIEND, J A R, *et al*
Fungal endocarditis after homograft valve replacement, problems with diagnosis and treatment in, 686

G

GABLER, A, and LIEBIG, S: Reoperation for bronchial carcinoma, 668
GALLAND, R B. *See* WALESBY, R K, GALLAND, R B, *et al*
Gallium 67 scan in diagnosis and staging of bronchial carcinoma (P), 709
GALLUCCI, V. *See* THIENE, G, MIAZZI, F, *et al*
GARAGUSI, V F. *See* BLOOM, R, YEAGER, H, JR, *et al*
Gas mixtures, low density, expiratory flow rates for assessment of airways obstruction measured with, reproducibility of (P), 226
Gas-dilution, radiographic and scintigraphic estimates of individual lung and lobar volumes, 773
GEARY, M S. *See* HILLS, E A, and GEARY, M S
GEDDES, D M. *See* BUTLAND, R J A, PANG, J A C K, *et al*
GEE, J B L, and FICK, R B, JR: Bronchoalveolar lavage (E), 1
GELISSEN, H J. *See* BOSCH, J M M VAN DEN, SWIERENGA, J, *et al*
Genetic component in bronchial carcinoma in smokers? (P), 709
factors in childhood asthma, 671

GETT, P M. *See* DAVIS, B, GETT, P M, *et al*
Giant cell aortitis, idiopathic, aortic valve replacement for severe aortic regurgitation due to, 60
GIBSON, D. *See* CRUPI, G, GIBSON, D, *et al*
GIBSON, G J. *See* SERISIER, D E, MASTAGLIA, F L, *et al*
GIBSON, R V. *See* OLDERSHAW, P J, SUTTON, M ST J, *et al*
GILBERT, E F. *See* WARREN, R B, WARNER, T F C S, *et al*
GILLAM, I. *See* SCHOEFFEL, R E, ANDERSON, S D, *et al*
GILLBE, C E, SALT, J C, and BRANTHWAITE, M A: Pulmonary function after prolonged mechanical ventilation with high concentrations of oxygen, 907
GILSON, J C. *See* COUTTS, I I, GILSON, J C, *et al*
GLADSTONE, D, and DREW, C E: Bolus obstruction of the 'normal' oesophagus (P), 719
GLASBY, M A, GUNNING, A J, JENKINS, M, MUSTAFA, I, and YACOUB, M H: Scanning electron microscope appearances of glycerol-preserved allogenic dura mater before and after implantation into patients (P), 224
GLYNN, C J, LLOYD, J W, and BARNARD, J D W: Cryoanalgesia in the management of pain after thoracotomy, 325
Goblet cells in airway epithelium, effect of single dose of isoprenaline or salbutamol in rat (P), 717
GODDARD, P R, NICHOLSON, E M, TODD, J R, WATT, I, and LASZLO, G: Normal and emphysematous lungs studied by computerised axial tomography (P), 236
GODDEN, D J. *See* TWEEDDALE, P M, GODDEN, D J, *et al*
GODFREY, S. *See* MCKENZIE, S A, ALLISON, D J, *et al*
Goitre, intrathoracic, in posterior mediastinum, 638
Gold therapy in pulmonary tuberculosis (1925–35), 884
GOLDSTRAW, P: Prophylaxis of postpneumonectomy empyema, 107
GOMM, S A, KEANEY, N P, HUNT, L P, and STRETTON, T B: Dose-response comparison of the administration of ipratropium bromide from a metered dose inhaler and by wet nebulisation (P), 713
—, —, WINSEY, N J P, and STRETTON, T B: Effect of an extension tube on the bronchodilator efficacy of terbutaline delivered from a metered dose inhaler, 552
—. *See also* KEARNEY, N P, GOMM, S A, *et al*
GOOR, D A. *See* MILO, S, KISHON, Y, *et al*
—. *See* MILO, S, YELLIN, A, *et al*
GORDON, I, HELMS, P, and FAZIO, F: Evaluation of ^{81m}krypton perfusion lung scans in paediatrics (P), 234
Graft, aortocoronary bypass, autologous, histological survey of saphenous vein before use as, 519
GRANT, I W B: Comparison of ampicillin and amoxycillin in acute on chronic bronchitis (*Letter*), 319
—. *See also* CARMICHAEL, J, PATERSON, I C, *et al*
—. *See also* KAY, A B, DIAZ, P, *et al*
—. *See also* TWEEDDALE, P M, GODDEN, D J, *et al*
Granulomatosis, lymphomatoid, with postoperative bronchospasm, 707
GRAY, I R, and DYDE, J A: Trends in coronary artery bypass surgery (P), 74
GREEN, M. *See* ECONOMIDIS, D, MORRIS, A J R, *et al*
—. *See* KNOWLES, G K, STANHOPE, R, *et al*
—. *See* PHILLIPS, M J, KNIGHT, R K, *et al*
GREENLAND, P, KAUFFMAN, R, and WEIR, E K: Profound exercise-induced ST segment depression in a patient with Wolff-Parkinson-White syndrome and normal coronary arteriograms, 559
GREGG, I. *See* SIBBALD, B, HORN, M E C, *et al*
GRIBBIN, H R, BARNES, P J, and PRIDE, N B: Partial expiratory flow-volume curves and their use in measuring bronchodilator responses in normal subjects (P), 225
—. *See also* IND, P W, GRIBBIN, H R, *et al*
GRIFFITHS, T. *See* WALTERS, E H, COCKCROFT, A, *et al*
GUERRERO, D. *See* REES, A, GUERRERO, D, *et al*
Guillain-Barré syndrome, ventilatory failure in, 557
GULA, G. *See* LUISI, S V, ASHRAF, M H, *et al*
GUNNING, A J. *See* GLASBY, M A, GUNNING, A J, *et al*
GUTHRIE, W. *See* ROBERTSON, A J, SINCLAIR, D J M, *et al*
GUTIERREZ-MILLET, V. *See* POZO-RODRIGUEZ, F, FREIRE-CAMPO, J M, *et al*
GYHRA, A, ISRAEL, J, SANTANDER, C, and ACUÑA, D: Schwannoma of the brachial plexus with intrathoracic extension, 703

H

H1 and H2 receptor antagonists, inhaled, effect in normal and asthmatic subjects, 428
HABERMAN, S. *See* BODNAR, E, HABERMAN, S, *et al*
HADFIELD, J W. *See* LIPSCOMB, D J, HADFIELD, J W, *et al*
HADJISTAVROU, C. *See* JORDANOGLOU, J, TATSIS, G, *et al*
HADLEY, J. *See* WATSON, D C T, HADLEY, J, *et al*
Haematoma and rupture, intramural, spontaneous, of oesophagus, 890, 898
Haemodynamic and clinical effects of diazoxide in primary pulmonary hypertension, 269
effects of disopyramide after open heart surgery (P), 76
effects of terbutaline in chronic obstructive airways disease, 536
Haemolysis, chronic, after Lillehei-Kaster valve replacement, comparison with findings after Björk-Shiley and Starr-Edwards mitral valve replacement, 290
Haemoptysis, major, recurrent, progression to pneumonectomy in, 905
major, treatment by bronchial artery ligation (P), 223
massive, fatal, after embolectomy for chronic pulmonary embolism, 705
massive, from aspergilloma, radiotherapy for, 953
massive, management with rigid bronchoscopy and cold saline lavage, 901
Haemosiderosis, pulmonary, idiopathic (P), 708
pulmonary, idiopathic, treated by plasmapheresis, 399
HAMILTON, D I. *See* OYONARTE, M, DICKINSON, D F, *et al*
HAMILTON-MILLER, J M T. *See* ACOCELLA, G, BRUMFITT, W, *et al*
—. *See* HAVARD, C W H, BAX, R P, *et al*
HAMMER, M. *See* HANSEN, M, HAMMER, M, *et al*
HANSEN, M, HAMMER, M, and HUMMER, L: Diagnostic and therapeutic implications of ectopic hormone production in small cell carcinoma of the lung, 101
HANSON, A. *See* WRIGHT, P H, HANSON, A, *et al*
HARDING, L K. *See* MATTHEWS, H R, HARDING, L K, *et al*
HARRISON, B D W. *See* O'REILLY, J F, SHAYLOR, J M, *et al*
HARRISON, R N, and MACKAY, A D: Hydrocortisone and bronchial beta-adrenergic responsiveness (P), 238
—, and TATTERSFIELD, A E: Response to inhaled salbutamol in thyrotoxicosis (P), 713
—. *See also* HUTCHINSON, P F, and HARRISON, R N
HARTLEY, J P R, and DAVIES, B H: Cholinergic blockade in the prevention of exercise-induced asthma 680
—, and NOGRADY, S G: Effect of an inhaled antihistamine on exercise-induced asthma, 675
HASLAM, P L, TURTON, C W G, HEARD, B, LUKOSZEK, A, COLLINS, J V, SALSBURY, A J, and TURNER-WARWICK, M: Bronchoalveolar lavage in pulmonary fibrosis: comparison of cells obtained with lung biopsy and clinical features, 9
—, —, LUKOSZEK, A, SALSBURY, A J, DEWAR, A, COLLINS J V, and TURNER-WARWICK, M: Bronchoalveolar lavage fluid cell counts in cryptogenic fibrosing alveolitis and their relation to therapy, 328
HAVARD, C W H, BAX, R P, SAMANTA, T C, PEARSON, R M, BRUMFITT, W, HAMILTON-MILLER, J M T, and DASH, C H: Sputum and blood concentrations of cefuroxime in lower respiratory tract infection, 379

HAWKINS, R. *See* DALLY, M B, COUTTS, I I, *et al*
HEARD, B. *See* CRUPI, G, GIBSON, D, *et al*
—. *See* FIRMIN, R K, HEARD, B, *et al*
—. *See* HASLAM, P L, TURTON, C W G, *et al*
HEARD, B E. *See* LAW, M R, HEARD, B E, *et al*
Heart disease, sarcoid, review of (E), 641
disease, valvular, pressure-time measurements in, analogue computer for, 52
hypoplastic left heart syndrome, surgical technique for correction of, 351
surgery, actuarial analysis in, practical approach to (P), 79
surgery, open, antibiotic prophylaxis for, short-term adverse effects of, 941
surgery, open, bacterial culture of perfusion blood after, 754
surgery, open, disopyramide after, haemodynamic effects of (P), 76
surgery, open, experience with 100 consecutive cases (P), 223
surgery, open, malaria complicating, 389
surgery, open, pericardial packing as effective last resort in (P), 78
surgery, open, species of coagulase-negative staphylococci isolated from catheter tips in, 359
surgery, open, topical lignocaine during (P), 75
surgery, silent carotid artery disease in, detection by ultrasound methods (P), 76
surgery, total body potassium as prognostic index in (P), 75
univentricular, of right ventricular type with right-sided rudimentary chamber, atrioventricular conduction in, 123
valve(s). *See* Valve(s)
See also Cardiac
HEATH, D. *See* KIBRIA, G, HEATH, D, *et al*
—. *See* KIBRIA, G, SMITH, P, *et al*
HEIDENDAL, G A K. *See* FEYTER, P J DE, ZIENKOWICZ, B S, *et al*
Helium or air, lung function (flow-volume loop) tests based on, reproducibility in normal subjects, 64; (L), 800
HELMS, P. *See* GORDON, I, HELMS, P, *et al*
HENDRICK, D J, MARSHALL, R, FAUX, J A, and KRALL, J M: Clinical assessment of the protective value of dust respirators in extrinsic allergic alveolitis (P), 708
—, —, —, —: Positive 'alveolar' responses to antigen inhalation provocation tests: their validity and recognition, 415
—. *See also* BANKS, D E, CASTELLAN, R M, *et al*
HENZEL, A. *See* BJÖRK, V O, and HENZEL, A
Hepatocellular carcinoma, primary, lung metastases from, 316
HERBERT, A, and STERLING, G M: Lung en cuirasse: histopathology of restrictive pleurisy with asbestos exposure (P), 715
—. *See also* STERLING, G M, and HERBERT, A
Hernia, hiatus, large, management of (P), 719
HETZEL, M R, and CLARK, T J H: Comparison of normal and asthmatic circadian rhythms in peak expiratory flow rate, 732
—, LAW, M, KEAL, E E, SLOAN, T P, IDLE, J R, and SMITH, R L: Is there a genetic component in bronchial carcinoma in smokers? (P), 709
HEWITSON, R P. *See* BENATAR, S R, ALLAN, B, *et al*
Hiatus hernia, large, management of (P), 719
HICKEN, P, FREW, E, and DOBIE, J C: Lymphomatoid granulomatosis with postoperative bronchospasm, 707
HIDINGER, K C. *See* ELLUL-MICALLEF, R, MORÉN, F, *et al*
HIGENBOTTAM, T W, COCHRANE, G M, CLARK, T J H, TURNER, D, MILLIS, R, and SEYMOUR, W M: Bronchial disease in ulcerative colitis, 581
—, —, TURNER, D, SEYMOUR, W M, and CLARK, T J H: Bronchial disease in ulcerative colitis (P), 708
—, FEYERABAND, C, and CLARK, T J H: Cigarette smoke inhalation and the acute airway response, 246
—. *See also* REES, P J, HIGENBOTTAM, T W, *et al*
HILL, P R. *See* RUDD, R M, HILL, P R, *et al*
HILLERDAL, G. *See* SJÖGREN, I, HILLERDAL, G, *et al*
HILLS, E A, and GEARY, M S: Membrane diffusing capacity and pulmonary capillary volume in rheumatoid disease, 851
—, —: Pulmonary capillary volume in rheumatoid disease (P), 229
HILTON, C J. *See* ENGLISH, T A H, COOPER, D K C, *et al*
HIND, C R K: Lobar infiltration by squamous cell carcinoma, 633
His bundle ablation, cryosurgical, and cryoablation of refractory ventricular tachycardia, long-term results of (P), 76
Histamine, adrenaline, and cortisol, circulating, in nocturnal asthma (P), 712
and allergen dose-response relationships in nose, modifying effects of ketotifen, clemastine, and disodium cromoglycate (P), 717
/exercise challenge, multiple, in asthmatics, 164
H1 and H2 receptor antagonists, inhaled, effect in normal and asthmatic subjects, 428
HJERSING, N. *See* FREEMAN, R, and HJERSING, N
HO, S Y. *See* ESSED, C E, HO, S Y, *et al*
—. *See* MILO, S, HO, S Y, *et al*
—. *See* TIRABOSCHI, R, CRUPI, G, *et al*
Hodgkin's disease, lymphoma and leukaemia, pulmonary lesions in, diagnosis by fibreoptic bronchoscopy, 19
HODSON, M E: Immunological abnormalities in cystic fibrosis: chicken or egg? (E), 801
—. *See also* LAW, M R, HEARD, B E, *et al*
HOTZMAN, H, LIPPMANN, M, NAKHJAVAN, F, and KIMBEL, P: Postpneumonectomy interatrial right-to-left shunt, 307
Homograft valve replacement, fungal endocarditis after, problems with diagnosis and treatment in, 686
HONEY, M, COTTER, L, DAVIES, N, and DENISON, D M: Clinical and haemodynamic effects of diazoxide in primary pulmonary hypertension, 269
HONEYBOURNE, D: Lung metastases from a primary hepatocellular carcinoma, 316
—, BARHAM, C, COSTELLO, J F, and STRUNIN, L: Bronchoscopic assessment of tracheal damage after endotracheal intubation (P), 227
HOPKIN, J M, and STEEL, C M: Variation in individual responses to the cytotoxicity of cigarette smoke, 751
Hormones, ectopic production in small cell carcinoma of lung, diagnostic and therapeutic implications of, 101
HORN, C R: Hypertrophic osteoarthropathy without radiographic evidence of new bone formation, 479
HORN, M E C. *See* SIBBALD, B, HORN, M E C, *et al*
HORNE, N W. *See* MILLAR, J W, HUNTER, A M, *et al*
HORROCKS, P. *See* PERKS, W H, COOPER, R A, *et al*
—. *See* PERKS, W H, HORROCKS, P, *et al*
HOUSER, W C, DORFF, G J, ROSENZWEIG, D Y, and AUSSEM, J W: Mycobacterial infection of a congenital bronchogenic cyst, 312
HOWATSON, S R. *See* THORNLEY, P E, and HOWATSON, S R
HUGHES, J A, HUTCHISON, D C S, BELLAMY, D, DOWD, D E, and RYAN, K C: Annual decline of lung function indices in pulmonary emphysema (P), 230
HUGHES, J M B. *See* IND, P W, GRIBBIN, H R, *et al*

HUHTI, E, SUTINEN, S, REINILÄ, A, POUKKULA, A, and SALOHEIMO, M: Lung cancer in a defined geographical area: history and histological types, 660
HUMMER, L. *See* HANSEN, M, HAMMER, M, *et al*
HUNT, L P. *See* GOMM, S A, KEANEY, N P, *et al*
HUNTER, A M. *See* MILLAR, J W, HUNTER, A M, *et al*
HUNTER, J V. *See* DALLY, M B, COUTTS, I I, *et al*
HUNTER, S. *See* ESSED, C E, HO, S Y, *et al*
HURLEY, J F. *See* SOUTAR, C A, COPLAND, L H, *et al*
HURST, D J. *See* MISRA, D P, and HURST, D J
HURT, R: Carcinoid tumours of the lung: a review of 69 cases (P), 222
HURWITZ, S, ALLEN, J, LIBEN, A, and BECKLAKE, M R: Lung function in young adults: evidence for differences in the chronological age at which various functions start to decline, 615
HURWITZ, S S. *See* CONLAN, A A, and HURWITZ, S S
HUTCHINSON, P F, and HARRISON, R N: Effect of acute and chronic beta-blockade on carbon dioxide sensitivity in normal man, 869
HUTCHISON, D C S. *See* HUGHES, J A, HUTCHISON, D C S, *et al*
HUTTON, W S. *See* CAMERON, E W J, APPELBAUM, P C, *et al*
Hydrocortisone and bronchial beta-adrenergic responsiveness (P), 238
Hypertension, portal and pulmonary, rare association between, 945
  pulmonary, and dyspnoea, microscopic tumour emboli to lungs as hidden cause of, 794
  pulmonary, primary, clinical and haemodynamic effects of diazoxide in, 269
  pulmonary, with ventricular septal defect and patent ductus arteriosus, management in infancy and early childhood (*Letter*), 318
Hyperventilation in exercise-induced asthma (P), 718
Hypogammaglobulinaemia, chronic lymphatic leukaemia with, bronchiectasis complicating, 217
Hypothermic and pharmacological inhibition of metabolism during myocardial ischaemia (P), 75
Hypoxaemia after left thoracotomy for benign oesophageal disease, 264
  during sleep (E), 81

I

IDLE, J R. *See* HETZEL, M R, LAW, M, *et al*
IDLE, M. *See* WALD, N J, IDLE, M, *et al*
ILÇAYTO, R. *See* YAZICIOGLU, S, ILÇAYTO, R, *et al*
Immotile cilia syndrome (E), 401
Immune complexes, circulating, in sarcoidosis, 286
  complexes, circulating, in tuberculosis (P), 231
Immunoglobulin A production, local (P), 713
  A production, local, in chronic bronchitis, effect of acute respiratory infection, 202
Immunological abnormalties in cystic fibrosis (E), 801
  state in carcinoma of bronchus before and after radiotherapy, 500
Immunotherapy, intrapleural, with *Corynebacterium parvum* in recurrent malignant pleural effusions, 856
IND, P. *See* BARNES, P J, IND, P, *et al*
IND, P W, GRIBBIN, H R, HUGHES, J M B, ELKON, K B, and SEWELL, J R: Serial pulmonary function tests in systemic lupus erythematosus (P), 229
India, experience with surgical treatment of coarctation of aorta in, 950
^{113m}Indium, radioactive, clinical ventilation imaging with (P), 234
Infants under 6 months of age, closed pulmonary valvotomy in, 14 consecutive cases without mortality, 814
INGRAM, C G, REID, P, and JOHNSTON, R N: Exercise testing in pulmonary sarcoidosis (P), 716
INGRAM, D. *See* WELLER, P H, INGRAM, D, *et al*
Inhaler attachment ('spacer') for asthmatic children, use of, 620
Inhaling habits among smokers of different types of cigarette, 925
Inspiratory muscle force in normal subjects and in interstitial lung disease, 92
Interatrial right-to-left shunt after pneumonectomy, 307
Intramural rupture and haematoma, spontaneous, of oesophagus, 890, 898
Intrapericardial aneurysm, congenital, of left atrial appendage, 151
  aneurysm, congenital, of left atrial appendage, diagnosis by radionuclide angiography, 154
Intrapleural immunotherapy with *Corynebacterium parvum* in recurrent malignant pleural effusions, 856
Intrapulmonary shunt, effect of positive end-expiratory pressure at different levels of fractional inspired oxygen, 181
Intrathoracic goitre in posterior mediastinum, 638
IONESCU, M I. *See* MEARNS, A J, and IONESCU, M I
Ipratropium bromide administration from metered dose inhaler and by wet nebulisation, dose-response comparison of (P), 713
  bromide cholinergic blockade in prevention of exercise-induced asthma, 680
  bromide, dose response assessed by two methods, 137
  bromide, salbutamol and placebo in aerosols, response in cystic fibrosis to, 531
Ischaemia, myocardial, metabolism during, pharmacological and hypothermic inhibition of (P), 75
ISHIZAKA, M. *See* TANABE, T, ISHIZAKA, M, *et al*
Isoprenaline or salbutamol, effect of single dose on airway epithelial goblet cells in rat (P), 717
ISRAEL, J. *See* GYHRA, A, ISRAEL, J. *et al*

J

JAIRAJ, P S. *See* PERIANAYAGAM, W J, MURALIDHARAN, S, *et al*
JAMES, D G. *See* STUDDY, P R, BIRD, R, *et al*
JANSEN, H M, THE, T H, and ORIE, N G M: Adjuvant immunotherapy with BCG in squamous cell bronchial carcinoma, 781
JAQUES, P *See* PAYNE, C R, JAQUES, P, *et al*
JARIWALLA, A G, SMITH, A P, and MELVILLE-JONES, G: Necrotising aspergillosis complicating fulminating viral pneumonia, 215
JEFFRIES, R C. *See* ROBINSON, C, JEFFRIES, R C, *et al*
JENKINS, M. *See* GLASBY, M A, GUNNING, A J, *et al*
JENKINS, P, PAVIA, D, BATEMAN, J R M, CLARKE, S W, CITRON, K M, and BANNISTER, R: Mucociliary clearance in patients with chronic autonomic failure (P), 235; 690
JENKINS, P F, WARD, M J, DAVIES, P, and FLETCHER, J: Pulmonary involvement in non-Hodgkin's lymphoma (P), 237
JEYASINGHAM, K. *See* PAONE, J F, DHASMANA, J, *et al*
—. *See* PAONE, J F, KARDANA, A, *et al*
JOHN, S. *See* PERIANAYAGAM, W J, MURALIDHARAN, S, *et al*
JOHNSON, A. *See* TURNER-WARWICK, M, BURROWS, B, *et al*
—. *See* TURNER-WARWICK, M, LEBOWITZ, M, *et al*
JOHNSON, N F: Release of lamellar bodies from alveolar type 2 cells, 192
JOHNSON, N M, MCNICOL, M W, BURTON-KEE, J E, and MOWBRAY, J F: Circulating immune complexes in sarcoidosis, 286
—, —, —, —: Circulating immune complexes in tuberculosis (P), 231

—, —, KAPOOR, A, BURTON-KEE, J E, and MOWBRAY, J F: Defective yeast opsonisation of serum in sarcoidosis, 282
—, —, —, —, —: Defective yeast opsonisation of serum in tuberculosis, 523
JOHNSTON, R N. *See* INGRAM, C G, REID, P, *et al*
—. *See* WRIGHT, D S, and JOHNSTON, R N
JONES, E S. *See* DAVIS, B, GETT, P M, *et al*
JONES, R S. *See* MASSAM, M, and JONES, R S
JORDANOGLOU, J, TATSIS, G, VESLEMES, M, CHARALAMPAKIS, S, and HADJISTAVROU, C: Partial effective times of the forced expiratory spirogram in health and mild airways obstruction, 375
JUNOD, A F. *See* BENUSIGLIO, L N, STALDER, H, *et al*

K

KAPOOR, A. *See* JOHNSON, N M, MCNICOL, M W, *et al*
KARDANA, A. *See* PAONE, J F, KARDANA, A, *et al*
KATTAN, M, MANSELL, A, LEVISON, H, COREY, M, and KRASTINS, I R B: Response to aerosol salbutamol, SCH 1000, and placebo in cystic fibrosis, 531
KAUFFMAN, R. *See* GREENLAND, P, KAUFFMAN, R, *et al*
KAUFMAN, J M, CUVELIER, C A, and STRAETEN, M VAN DER: Mycoplasma pneumonia with fulminant evolution into diffuse interstitial fibrosis, 140
KAY, A B, DIAZ, P, CARMICHAEL, J, and GRANT, I W B: Corticosteroid-resistant chronic asthma and monocyte complement receptors (P), 720
—. *See also* CARMICHAEL, J, PATERSON, I C, *et al*
KEAL, E E. *See* HETZEL, M R, LAW, M, *et al*
KEANEY, N P, GOMM, S A, WINSEY, N J P, and STRETTON, T B: Effect of an extension tube on the bronchodilator efficacy of terbutaline delivered from a metered dose inhaler (P), 228
—. *See also* GOMM, S A, KEANEY, N P, *et al*
KEELING, P W N. *See* WRIGHT, P H, KEELING, P W N, *et al*
KEENS, T G. *See* SCHONFELD, T, O'NEAL, M H, *et al*
KEERS, R Y: The gold rush, 1925–35, 884
—: Two forgotten pioneers: James Carson and George Bodington, 483
KERR, I H. *See* COUTTS, I I, GILSON, J C, *et al*
—. *See* PAYNE, C R, JAQUES, P, *et al*
KERR, J W. *See* THOMPSON, N C, and KERR, J W
KERR, W F: Spontaneous intramural rupture and intramural haematoma of the oesophagus, 890
Ketotifen, clemastine, and disodium cromoglycate, modifying effects on allergen and histamine dose-response relationships in nose (P), 717
KIBRIA, G, HEATH, D, SMITH, P, and BIGGAR, R: Pulmonary endothelial pavement patterns, 186
—, SMITH, P, HEATH, D, and SAGAR, S: Observation on the rare association between portal and pulmonary hypertension, 945
KIMBEL, P. *See* HOLTZMAN, H, LIPPMANN, M, *et al*
KIMURA, K. *See* TSUNETA, Y, OHSAKI, Y, *et al*
KINOSHITA, K. *See* MORI, M, KINOSHITA, K, *et al*
KISHON, Y. *See* MILO, S, KISHON, Y, *et al*
KITCHIN, A H. *See* WILLIAMSON, I R, and KITCHIN, A H
KLEINERMAN, J. *See* PALISANO, J R, and KLEINERMAN, J
KNIGHT, R K. *See* PHILLIPS, M J, KNIGHT, R K, *et al*
KNOTT, C. *See* SANG, C T M, BRAIMBRIDGE, M V, *et al*
KNOWLES, G K, STANHOPE, R, and GREEN, M: Bronchiectasis complicating chronic lymphatic leukaemia with hypogammaglobulinaemia, 217
KOIKE, S. *See* MORI, M, KINOSHITA, K, *et al*
KOPELMAN, P. *See* RUDD, R M, HILL, P R, *et al*
KOUNIS, N G, and CONSTANTINIDIS, K: Comparison of echocardiography and radiology in the diagnosis of aortic root dilatation in Marfan's syndrome and in syphilis, 467
KOZLOWSKI, S. *See* ZIELINSKI, J, CHODOSOWSKA, E, *et al*
KRALL, J M. *See* HENDRICK, D J, MARSHALL, R, *et al*
KRASTINS, I R B. *See* KATTAN, M, MANSELL, A, *et al*
KREEL, L. *See* WRIGHT, P H, HANSON, A, *et al*
—. *See* WRIGHT, P H, KEELING, P W N, *et al*
KRISHNASWAMY, S. *See* PERIANAYAGAM, W J, MURALIDHARAN, S, *et al*
^{81m}Krypton perfusion lung scans in paediatrics, evaluation of (P), 234

L

LAMB, D. *See* BALDWIN, M A, LAMB, D, *et al*
—. *See* BUIRSKI, G, CALVERLEY, P, *et al*
Lamellar bodies, release from alveolar type 2 cells, 192
LANDAU, L I. *See* SCHNALL, R P, and LANDAU, L I
LANE, D J. *See* MACFARLANE, J T, and LANE, D J
Large cell carcinoma of bronchus, anaplastic, prognostic features of, 118
LAROS, C D. *See* BOSCH, J M M VAN DEN, SWIERENGA, J, *et al*
LASZLO, G. *See* GODDARD, P R, NICHOLSON, E M, *et al*
LAU, O J. *See* AYOUB, A W, LAU, O J, *et al*
LAVENDER, J P. *See* WOLLMER, P, BARR, M M, *et al*
LAVIOLETTE, M. *See* CORMIER, Y, LAVIOLETTE, M, *et al*
LAW, M. *See* HETZEL, M R, LAW, M, *et al*
LAW, M R, HEARD, B E, and HODSON, M E: Survival of patients with malignant mesothelioma (P), 712
LEAROYD, P A. *See* RAO, K M S, LEAROYD, P A, *et al*
LEBOWITZ, M. *See* TURNER-WARWICK, M, LEBOWITZ, M, *et al*
LEECH, G. *See* BOYD, M J, WILLIAMS, I P, *et al*
LEGGE, J S. *See* NICHOLLS, A J, FRIEND, J A R, *et al*
LENNOX, S C *See* AZARIADIS, M, FIRMIN, R K, *et al*
—. *See* FIRMIN, R K, FRAGOMENI, L S, *et al*
—. *See* FIRMIN, R K, HEARD, B, *et al*
—. *See* FRANKS, R, WILLIAMS, S, *et al*
—. *See* REES, A, GUERRERO, D, *et al*
Leukaemia, Hodgkin's disease and lymphoma, pulmonary lesions in, diagnosis by fibreoptic bronchoscopy, 19
lymphatic, chronic, with hypogammaglobulinaemia, complicated by bronchiectasis, 217
LEVISON, H. *See* KATTAN, M, MANSELL, A, *et al*
LEVISON, V: Preoperative radiotherapy and surgery in the treatment of oat cell carcinoma of the bronchus (P), 222
—: What is the best treatment for early operable small cell carcinoma of the bronchus? (E), 721
LEVY, M. *See* SPITZER, S A, SEGAL, I, *et al*
LEWIS, D J. *See* EDMONDSON, N A, and LEWIS, D J
LIBEN, A. *See* HURWITZ, S, ALLEN, J, *et al*
LIEBIG, S. *See* GABLER, A, and LIEBIG, S.
Lignocaine, topical, during open heart surgery (P), 75
Lillehei-Kaster valve replacement, chronic haemolysis after, comparison with findings after Björk-Shiley and Starr-Edwards mitral valve replacement, 290
LINCOLN, C R. *See* AZARIADIS, M, FIRMIN, R K, *et al*
—. *See* CRUPI, G, GIBSON, D, *et al*
LINDSAY, D A. *See* SCHOEFFEL, R E, ANDERSON, S D, *et al*
LIPPMANN, M. *See* HOLTZMAN, H, LIPPMANN, M, *et al*
LIPSCOMB, D J, HADFIELD, J W, FLOWER, C D R, and STARK, J E: Pleural ultrasound in the diagnosis and management of pleural disease (P), 235
Liver cirrhosis and plexogenic pulmonary arteriography, 133
LLOYD, J W. *See* GLYNN, C J, LLOYD, J W, *et al*
LLOYD JONES, J K. *See* DAVIES, D, and LLOYD JONES, J K
Lobar infiltration by squamous cell carcinoma, 633
Lobectomy, effect on lung function, 145
LOCATELLI, G. *See* TIRABOSCHI, R, CRUPI, G, *et al*

LOCHON, B. *See* MURCIANO, D, VIAU, F, *et al*
LONG, P. *See* STOKES, T C, STEVENS, J, *et al*
LORD, P W. *See* DE POITIERS, W, LORD, P W, *et al*
LUBIN, E. *See* SPITZER, S A, SEGAL, I, *et al*
LUISI, S V, ASHRAF, M H, GULA, G, RADLEY-SMITH, R, and YACOUB, M: Anomalous origin of the right coronary artery with aortopulmonary window: functional and surgical considerations, 446
LUKOSZEK, A. *See* HASLAM, P L, TURTON, C W G, *et al*
Lung and lobar volumes, individual, radiographic, scintigraphic and gas-dilution estimates of, 773
cancer and cryptogenic fibrosing alveolitis, 496
cancer, bronchial gland histochemistry in lungs removed for, 546
cancer, chromium content of lungs of chromate workers with, 294
cancer in defined geographical area in Finland, history and histological types, 660
cancer, plasma CEA measurements in preoperative assessment of (P), 224
cancer, small cell, ectopic hormone production in, diagnostic and therapeutic implications of, 101
cancer, squamous cell, lobar infiltration by, 633
crackles in bronchiectasis, 694
crackles, waveform and spectral analysis of, 843
disease, chronic, pulmonary artery pressure in, echocardiographic method for estimation of, 914
disease due to hard metal, role of cobalt in coolants in, 653
disease, interstitial, inspiratory muscle force in, 92
disorders, parenchymal, α_1-antitrypsin phenotypes in (P), 232
elastic recoil and reduced airflow in clinically stable asthma, 298
elastic recoil changes in early emphysema, 490
en cuirasse. *See* Pleurisy, restrictive
excised, maximum volumes in, effects of age, emphysema and formalin inflation, 859
folding simulating peripheral pulmonary neoplasm (Blesovsky's syndrome) (P), 227; 936
function after prolonged mechanical ventilation with high concentrations of oxygen, 907
function changes in atypical pneumonia, time course of, 586
function, effect of lobectomy, 145
function (flow-volume loop) tests, air- or helium-based, reproducibility in normal subjects, 64; (L), 800
function (flow-volume loop) tests, reproducibility with Ohio 842 spirometer (*Letter*), 480
function indices in pulmonary emphysema, annual decline of (P), 230
function tests, serial, in systemic lupus erythematosus (P), 229
functions in young adults, decline of, evidence for differences in chronological age at onset of, 615
hamster, APUD cells and neuroepithelial bodies in, methods of demonstration, quantitation and response to injury, 363
hyperlucent, unilateral, case for investigation of, 745
impairment, obstructive or restrictive, respiratory drive during exercise in (P), 709
malignancy, sequential brush and conventional biopsy in, direct comparison of diagnostic sensitivity, 929
mechanics after cardiac valve replacement, 453
mechanics in cases of increased residual volume without bronchial obstruction, 461
metastases from primary hepatocellular carcinoma, 316
middle lobe atelectasis, isolated. *See* Middle lobe syndrome
needle biopsy, pneumothorax in, prevention by breathing of 100% oxygen, 37
normal and emphysematous, studied by computerised axial tomography (P), 236
pressurised aerosol deposition in, measurement with radio-labelled particles (P), 234
resection, relief of inappropriate ADH secretion due to oat cell carcinoma by, 635
resection, selection for, ventilation-perfusion scanning in (P), 711
right upper lobe, anterior segmental bronchus of, anomalous origin of, 213
scans, perfusion, ^{81m}Kr, in paediatrics, evaluation of (P), 234
transradiancy, unilateral increase due to bronchial carcinoid tumour, 739
tumour emboli to, microscopic, as hidden cause of dyspnoea and pulmonary hypertension, 794
tumours, carcinoid, 69 cases of (P), 222
tumours, peripheral, prognosis of (P), 712
volume restriction in patients with respiratory muscle weakness, analysis of, 603
See also Pulmonary
Lupus erythematosus, systemic, serial pulmonary function tests in (P), 229
LYALL, J R W, SUMMERS, G D, O'BRIEN, I M, BATEMAN, N T, PIKE, C P, and BRAIMBRIDGE, M V: Sequential brush biopsy and conventional biopsy: direct comparison of diagnostic sensitivity in lung malignancy, 929
—. *See* SUMMERS, G D, LYALL, J R W, *et al*
Lymphangioma of middle mediastinum as incidental finding on chest radiograph, 955
Lymphatic leukaemia, chronic, with hypogammaglobulinaemia, complicated by bronchiectasis, 217
Lymphocytic lymphoma recurring in multiple endobronchial sites, 796
Lymphoma, Hodgkin's disease and leukaemia, pulmonary lesions in, diagnosis by fibreoptic bronchoscopy, 19
lymphocytic, recurring in multiple endobronchial sites, 796
non-Hodgkin's, pulmonary involvement in (P), 237
Lymphomatoid granulomatosis with postoperative bronchospasm, 707
LYNCH, P. *See* MACKENZIE, H, MCSHARRY, C, *et al*

M

MCALLISTER, W A C, MITCHELL, D M, and COLLINS, J V: Does it matter what time of day you give prednisolone? (P), 238
—. *See also* WINFIELD, C R, MCALLISTER, W A C, *et al*
MACARTNEY, F J, and STARK, J: Pulmonary hypertension accompanying ventricular septal defect and patent ductus arteriosus: management in infancy and early childhood (*Letter*), 318
MCCARTHY, D S, and SIGURDSON, M: Lung elastic recoil and reduced airflow in clinically stable asthma, 298
MCDONALD, A. *See* COCKBURN, J S, FOOTE, A V, *et al*
MACDONALD, J B, and COLE, T J: The flow-volume loop: reproducibility of air and helium-based tests in normal subjects, 64; (L), 800
MACEY, D J. *See* MARSHALL, R, and MACEY, D J
MACFARLANE, J T, and LANE, D J: Irregularities in the use of regular aerosol inhalers, 477
MCGAVIN, C R. *See* WILLIAMS, I P, and MCGAVIN, C R
MCINTYRE, M. *See* BUIRSKI, G, CALVERLEY, P, *et al*
MACKAY, A D, BALDWIN, C J, and TATTERSFIELD, A E: Action of aminophylline on normal airways (P), 239

—, SPURRIER, P D, and TATTERSFIELD, A E: Cardiovascular response to intravenous aminophylline in normal subjects (P), 717
—. *See also* HARRISON, R N, and MACKAY, A D
MCKAY, R, STARK, J, and DE LEVAL, M: Results of modified Blalock-Taussig shunts (Gore-tex) in infants and children (P), 79
MACKEAN, M M. *See* ROSS, J K, MACKEAN, M M, *et al*
MACKENZIE, H, MCSHARRY, C, LYNCH, P, BANHAM, S W, and BOYD, G: Pigeon bloom: a further antigen in pigeon breeder's disease (P), 228
MCKENZIE, S A, ALLISON, D J, SINGH, M P, and GODFREY, S: Unilateral hyperlucent lung: the case for investigation, 745
MCKEOWN, F. *See* SOORAE, A S, MCKEOWN, F, *et al*
MCNABB, W R. *See* FAIRFAX, A J, MCNABB, W R, *et al*
MCNICOL, M W. *See* JOHNSON, N M, MCNICOL, M W, *et al*
—. *See* MOSS, F M, MCNICOL, M W, *et al*
MCSHARRY, C. *See* MACKENZIE, H, MCSHARRY, C, *et al*
MCSWIGGAN, D A. *See* MOSS, F M, MCNICOL, M W, *et al*
Magnetometer coils, single pair of, in monitoring of breathing patterns in intensive care unit, 384
MAGUIRE, O. *See* TOBIN, M J, FITZGERALD, M X, *et al*
—. *See* TOBIN, M J, MAGUIRE, O, *et al*
MAITRE AZCARATE, M J: Parachute deformity of the tricuspid valve (*Letter*), 240
MAJID, P A. *See* FEYTER, P J DE, ZIENKOWICZ, B S, *et al*
—. *See* TEULE, G J J, and MAJID, P A
MAKONI, G. *See* COOKSON, J B, and MAKONI, G
Malaria complicating open-heart surgery, 389
Malignant disease, total sternectomy for (P), 78
MANOTHAYA, C, VATTANAPAT, S, and SOMABUTR, C: New technique for construction of tissue heart valves, 611
MANSELL, A. *See* KATTAN, M, MANSELL, A, *et al*
MANSFIELD, R. *See* PERIANAYAGAM, W J, MURALIDHARAN, S, *et al*
MARCHAN, R. *See* MILNER, L B, and MARCHAN, R
Marfan's syndrome and syphilis, aortic root dilatation in, comparison of echocardiography and radiology for diagnosis of, 467
MARK, J B D. *See* BAUMGARTNER, W A, and MARK, J B D
MARLIN, G E, DAVIS, P R, RUTLAND, J, and BEREND, N: Plasma and sputum erythromycin concentrations in chronic bronchitis, 441
—. *See also* BEREND, N, WOOLCOCK, A J, *et al*
MARSH, J C. *See* WATSON, D C T, HADLEY, J, *et al*
MARSHALL, R, and MACEY, D J: Streamlining of air flow in the upper airways and trachea, 543
—. *See also* HENDRICK, D J, MARSHALL, R, *et al*
MARTÍN-ESCRIBANO, P. *See* POZO-RODRIGUEZ, F, FREIRE-CAMPO, J M, *et al*
MASSAM, M, and JONES, R S: Ventilatory failure in the Guillain-Barré syndrome, 557
MASTAGLIA, F J. *See* SERISIER, D E, MASTAGLIA, F L, *et al*
MASTERSON, J B. *See* FENG, Y-F, MASTERSON, J B, *et al*
MATSUSHIMA, T, SOEJIMA, R, and NAKASHIMA, T: Solitary pulmonary nodule caused by phycomycosis in a patient without obvious predisposing factors, 877
MATTHEW, D J. *See* WELLER, P H, INGRAM, D, *et al*
MATTHEWS, H R: Investigating the oesophagus (E), 161
—, HARDING, L K, and CAYTON, R M: Ventilation and perfusion scanning in the selection of patients for lung resection (P), 711
—. *See also* BAINBRIDGE, E T, and MATTHEWS, H R
—. *See also* WATSON, D C T, HADLEY, J, *et al*
MATTHEWS, L. *See* COCKBURN, J S, FOOTE, A V, *et al*
MBATHA, P B. *See* MORGANS, W E, AL-JILAHAWI, A N, *et al*
MEADE, J B. *See* PHOTIOU, S A, CHEUNG, D L, *et al*
MEARNS, A J, and IONESCU, M I: Operative management of tricuspid valve disease (P), 80
Mediastinal tuberculosis, contemporary patterns of, 392
Mediastinitis requiring surgical drainage, case of nocardia asteroides causing (P), 78
Mediastinoscopy, bronchial carcinoma cases selected by, long-term survival in (P), 77
Mediastinum, cysts of, dermoid (P), 222
  middle, lymphangioma of, as incidental finding on chest radiograph, 955
  posterior, intrathoracic goitre in, 638
Medical Research Council survey of notifications of tuberculosis for England and Wales (1978–79) (P), 231
MEDICI, D. *See* OYONARTE, M, DICKINSON, D F, *et al*
MEERHAEGHE, A VAN. *See* SERGYSELS, R, MEERHAEGHE, A VAN, *et al*
Melanocarcinoma, primary, of lower respiratory tract, 158
MELVILLE-JONES, G. *See* JARIWALLA, A G, SMITH, A P, *et al*
Membrane diffusing capacity and pulmonary capillary volume in rheumatoid disease, 851
MENZIES, I S. *See* WRIGHT, P H, KEELING, P W N, *et al*
MERCER, J L. *See* PHOTIOU, S A, CHEUNG, D L, *et al*
MEREDITH BROWN, M: Management of large hiatus hernia (P), 719
MERRETT, T G. *See* BURR, M L, DEAN, B V, *et al*
Mesothelioma, malignant, survival in (P), 712
Mesotheliomas, minerals and man-made mineral fibres as causes of, 561
  pleural, pleural calcification and bronchial cancers due to tremolite dust, 564
MESSIN, R. *See* SERGYSELS, R, MEERHAEGHE, A VAN, *et al*
MESTAS, J M. *See* UNGER, K M, SNOW, R M, *et al*
Metal, hard, lung disease due to, role of cobalt in coolants in, 653
Methotrexate, response to, in fibrosing alveolitis associated with connective tissue disease, 725
Metoprolol, effect on exercise tolerance in emphysema (P), 233
MIAZZI, P. *See* THIENE, G, MIAZZI, P, *et al*
Middle lobe syndrome, aetiology, pathogenesis and treatment of, 449
MIKAMI, H. *See* TSUNETA, Y, OHSAKI, Y, *et al*
MILLAR, J W, HUNTER, A M, and HORNE, N W: Intrapleural immunotherapy with *Corynebacterium parvum* in recurrent malignant pleural effusions, 856
MILLARD, F J C. *See* BOYD, M J, WILLIAMS, I P, *et al*
—. *See* WILLIAMS, I P, and MILLARD, F J C
MILLER, A L. *See* STOKES, T C, STEVENS, J, *et al*
MILLER, D L. *See* MOSS, F M, MCNICOL, M W, *et al*
MILLER, W C. *See* UNGER, K M, SNOW, R M, *et al*
MILLIS, R. *See* HIGENBOTTAM, T W, COCHRANE, G M, *et al*
MILNER, L B, and MARCHAN, R: Complete absence of the inferior vena cava presenting as a paraspinous mass, 798
MILO, S, HO, S Y, and ANDERSON, R H: Hypoplastic left heart syndrome: can this malformation be treated surgically?, 351
—, KISHON, Y, GOOR, D A, and NEUFELD, H N: Aorto-coronary saphenous vein bypass grafting in a patient with a single coronary artery arising from the right aortic sinus, 207
—, YELLIN, A, GOOR, D A, SMOLINSKY, A, BLIEDEN, L C, and NEUFELD, H N: Closed pulmonary valvotomy in infants under 6 months of age: report of 14 consecutive cases without mortality, 814
MILSTEIN, B. *See* WELLS, F C, COOPER, D K C, *et al*
Minerals and man-made mineral fibres as causes of mesotheliomas, 561
MISRA, D P, and HURST, D J: Necrotising pneumonia and empyema caused by *Clostridium bifermentans*, 310
Mistabron. *See* Sodium 2-mercaptoethane sulphonate

MITCHELL, D M, MORGAN, P G M, and BALL, J B: Prognostic features of large cell anaplastic carcinoma of the bronchus, 118
—. *See also* MCALLISTER, W A C, MITCHELL, D M, *et al*
Mite-sensitive asthma, effect of change to mite-free bedding on children with, controlled trial of, 513
asthma, effects of anti-mite measures on children with, controlled trial of, 506
MITRA, S. *See* TAYLOR, K M, BAIN, W H, *et al*
Mitral valve replacement, Björk-Shiley and Starr-Edwards, chronic haemolysis after, comparison with Lillehei-Kaster valve replacement, 290
valve, xenograft, porcine, severe late failure of, clinical, echocardiographic, and pathological findings, 210
MOGHISSI, K: Observations on high stricture of the oesophagus with special reference to pathogenesis and the columnar epithelial-lined mucosa (P), 74
—. *See also* DYET, J F, and MOGHISSI, K
MOK, C K, CHEUNG, K L, WAI, K H, and ONG, G B: Malaria complicating open-heart surgery, 389
Monocyte complement receptors and corticosteroid-resistant chronic asthma (P), 720
MONSALLIER, J F. *See* DHAINAUT, J F, BONS, J, *et al*
MORÉN, F. *See* ELLUL-MICALLEF, R, MORÉN, F, *et al*
—. *See* NEWMAN, S P, PAVIA, D, *et al*
MORGAN, E, SANG, C T M, and BRAIMBRIDGE, M V: Comparison of a new absorbable bone sealant with bone wax in median sternotomy (P), 78
MORGAN, P G M. *See* MITCHELL, D M, MORGAN, P G M, *et al*
MORGAN, W E. *See* NAQVI, N, THOMPSON, D, *et al*
MORGANS, W E, AL-JILAHAWI, A N, and MBATHA, P B: Superior vena caval obstruction caused by sarcoidosis, 397
MORI, M, KINOSHITA, K, MORINARI, H, SHIRAISHI T, KOIKE, S, and MURAO, S: Waveform and spectral analysis of crackles, 843
MORINARI, H. *See* MORI, M, KINOSHITA, K, *et al*
MORRIS, A J R. *See* ECONOMIDIS, D, MORRIS, A J R, *et al*
MORRIS, M J, SMITH, M M, and CLARKE, B G: Lung mechanics after cardiac valve replacement, 453
MORRITT, G N, and WALBAUM, P R: Spontaneous dissection of the oesophagus, 898
MOSS, F M, MCNICOL, M W, MCSWIGGAN, D A, and MILLER, D L: Assessment of the use of antibiotics for the treatment of chest infection in a district general hospital (P), 717
MOWBRAY, J F. *See* JOHNSON, N M, MCNICOL, M W, *et al*
MOXHAM, J, SPIRO, S G, WILES, C M, and EDWARDS, R H T: Respiratory muscle function and fatigue: studies on the sternomastoid (P), 226
—. *See also* PETHERAM, I S, BIERMAN, C W, *et al*
Mucociliary clearance in chronic autonomic failure (P), 235; 690
Mucous glands, bronchial, enlargement of, quantitative study of, 198
Mucus secretion in *in vitro* rabbit tracheal preparation, stimulation by normal and cystic fibrosis human serum (P), 232
MULLINS, J. *See* DAVIES, B H, MULLINS, J, *et al*
MUNGALL, I P F, COWEN, P N, COOKE, N T, ROACH, T C, and COOKE, N J: Multiple pleural biopsy with the Abrams needle, 600
MUNRO, J L. *See* ROSS, J K, MACKEAN, M M, *et al*
MURALIDHARAN, S. *See* PERIANAYAGAM, W J, MURALIDHARAN, S, *et al*
MURAO, M. *See* TSUNETA, Y, OHSAKI, Y, *et al*
MURAO, S. *See* MORI, M, KINOSHITA, K, *et al*
MURCIANO, D, VIAU, F, PLANTE, F, LOCHON, B, DERENNE, J P, and PARIENTE, R: Vagal control in acute respiratory failure (P), 711
Muscle force, inspiratory, in normal subjects and in interstitial lung disease, 92
Muscles, respiratory (sternomastoid), function and fatigue in, studies of (P), 226
MUSTAFA, I. *See* GLASBY, M A, GUNNING, A J, *et al*
Mycobacterial infection of congenital bronchogenic cyst, 312
Mycoplasma pneumonia, radiographic patterns in (P), 230
pneumonia with fulminant evolution into diffuse interstitial fibrosis, 140; (*Letter*), 960
Myocardial ischaemia, metabolism during, pharmacological and hypothermic inhibition of (P), 75
Myotonic dystrophy, respiratory muscle weakness and ventilatory control in (P), 710
Myxomas, atrial (P), 74
atrial, long asymptomatic period of, 70

N

NAKASHIMA, T. *See* MATSUSHIMA, T, SOEJIMA, R, *et al*
NAKHJAVAN, F. *See* HOLTZMAN, H, LIPPMANN, M, *et al*
NAKVI, A J, and BARNSLEY, W C: Operation for sigmoid oesophagus, 219
NAQVI, N, THOMPSON, D, MORGAN, W E, COLTART, D J, and WILLIAMS, B T: Haemodynamic effects of disopyramide after open heart surgery (P), 76
NATH, A R, and CAPEL, L H: Lung crackles in bronchiectasis, 694
NEALE, E. *See* BURR, M L, DEAN, B V, *et al*
—. *See* BURR, M L, NEALE, E, *et al*
NEALE, L. *See* BROGAN, T D, DAVIES, B H, *et al*
Needle aspiration, transbronchial, as diagnostic technique (P), 711
biopsy of lung, pneumothorax in, prevention by breathing of 100% oxygen, 37
Neoplasm, pulmonary, peripheral, lung folding simulating (Blesovsky's syndrome) (P), 227; 936
NEUFELD, H N. *See* MILO, S, KISHON, Y, *et al*
—. *See* MILO, S, YELLIN, A, *et al*
Neuroepithelial bodies and APUD cells in hamster lung, methods of demonstration, quantitation and response to injury, 363
NEWMAN, S P, PAVIA, D, SHEAHAN, N F, MORÉN, F, and CLARKE, S W: Deposition of pressurised aerosols in the lung using radio-labelled particles (P), 234
—. *See also* BATEMAN, J R M, NEWMAN, S P, *et al*
NEWMAN TAYLOR, A J: Occupational asthma (E), 241
—. *See also* DALLY, M B, COUTTS, I I, *et al*
NEWSOM, S W B: Antibiotics for streptococcal endocarditis (E), 321
NICHOLLS, A J, FRIEND, J A R, and LEGGE, J S: Sarcoid pleural effusion: three cases and review of the literature, 277
NICHOLSON, E M. *See* GODDARD, P R, NICHOLSON, E M, *et al*
NIEDERMANN, R. *See* RÜTTNER, J R, BÄRTSCHI, J P, *et al*
NILI, M. *See* SPITZER, S A, SEGAL, I, *et al*
Nocardia asteroides causing mediastinitis requiring surgical drainage, case of (P), 78
NOGRADY, S G. *See* HARTLEY, J P R, and NOGRADY, S G
NOHL-OSER, H C. *See* ASHRAF, M H, WALESBY, R K, *et al*
Non-tuberculous diseases, safe use of rifampicin for, evidence for, 788
Nose, allergen and histamine dose-response relationships in, modifying effects of ketotifen, clemastine, and disodium cromoglycate (P), 717
Notices, 46, 59, 100, 324, 440, 592, 913, 919
NÖU, E, and ÅBERG, T: Quality of survival in patients with surgically treated bronchial carcinoma, 255

O

Oat cell and squamous carcinoma of trachea, mixed, primary, 72
cell carcinoma, inappropriate ADH secretion due to, relief by lung resection, 635
cell carcinoma of bronchus, treatment by preoperative radiotherapy and surgery (P), 222
O'BRIEN, I M. *See* LYALL, J R W, SUMMERS, G D, *et al*
—. *See* SUMMERS, G D, LYALL, J R W, *et al*
ODELL, J: Anomalous origin of the anterior segmental bronchus of the right upper lobe, 213
Oesophageal disease, benign, left thoracotomy for, hypoxaemia after, 264
diverticula, principles of management and appraisal of classification, 759
speech, oesophagectomy in patients with (P), 224
Oesophagopleural fistula, post-pneumonectomy, 865
Oesophagus, carcinoma of, surgical treatment of (P), 223
double-barrel, acquired, in epidermolysis bullosa dystrophica, 472
high stricture of, pathogenesis and columnar epithelial-lined mucosa in (P), 74
investigation of (E), 161
'normal', bolus obstruction of (P), 719
peptic stricture of, established, Collis-Belsey operation for (P), 74
peptic stricture of, so-called, conservative management of (P), 74
rupture and haematoma of, intramural, spontaneous, 890, 898
sigmoid, operation for, 219
OGILVIE, C M: Physician among surgeons: thoughts on preoperative assessment (E), 881
OHSAKI, Y. *See* TSUNETA, Y, OHSAKI, Y, *et al*
OHTA, S. *See* TANABE, T, ISHIZAKA, M, *et al*
OLDERSHAW, P J, SUTTON, M ST J, and GIBSON, R V: Long asymptomatic period of atrial myxomas, 70
OLIVEN A, TAITELMAN, U, ZVEIBIL, F, and BURSZTEIN, S: Effect of positive end-expiratory pressure on intrapulmonary shunt at different levels of fractional inspired oxygen, 181
OLLIER, S. *See* PHILLIPS, M J, OLLIER, S, *et al*
O'NEAL, M H. *See* SCHONFELD, T, O'NEAL, M H, *et al*
ONG, G B. *See* MOK, C K, CHEUNG, K L, *et al*
Open-heart surgery. *See* Heart surgery, open
O'REILLY, J F, SHAYLOR, J M, and HARRISON, B D W: Week-to-week reproducibility of the 12-minute walking test and its use in assessing the effects of oral steroid treatment in chronic airways obstruction (P), 718
ORIE, N G M. *See* JANSEN, H M, THE, T H, *et al*
ORMEROD, L P, THOMSON, R A, ANDERSON, C M, and STABLEFORTH, D E: Reversible airway obstruction in cystic fibrosis, 768
ORMEROD, P, and SKINNER, C: Reinfection tuberculosis: two cases in the family of a patient with drug-resistant disease, 56
OSMANLIEV, D P, DAVIES, E E, and PRIDE, N B: Transit time analysis of the forced expiratory spirogram in male smokers (P), 224
Osteoarthropathy, hypertrophic, bone-scanning in (*Letter*), 960
hypertrophic, without radiographic evidence of new bone formation, 479
Osteomyelitis of thoracic vertebrae, pleuropulmonary complications of, 156
OTTERY, J. *See* SOUTAR, C A, COPLAND, L H, *et al*
Oxprenolol, inadvertent ingestion of, severe asthma after, 160
Oxygen, 100%, breathing of, in prevention of pneumothorax in needle lung biopsy, 37
inspired, fractional, effect of positive end-expiratory pressure on intrapulmonary shunt at different levels of, 181
prolonged mechanical ventilation with high concentrations of, pulmonary function after, 907
Oxygenation, improved, using lateral decubitus position in extensive unilateral pneumonia, 792
OYONARTE, M, DICKINSON, D F, MEDICI, D, and HAMILTON, D I: Indirect arterial pulse tracings in children with coarctation of the aorta before and after operation, 128

P

Pacing systems, atrial, rapid, radiofrequency, patient-activated, long-term control of AV nodal tachycardias by (P), 77
PAGE, R C. *See* DALLY, M B, COUTTS, I I, *et al*
Pain after thoracotomy, management by cryoanalgesia, 325
relief after thoracotomy (P), 226
PALISANO, J R, and KLEINERMAN, J: APUD cells and neuroepithelial bodies in hamster lung: methods, quantitation and response to injury, 363
Pancreatitis, acute, cardiac tamponade in, 959
PANETH, M. *See* AZARIADIS, M, FIRMIN, R K, *et al*
—. *See* SHORE, D F, and PANETH, M
—. *See* SHORE, D F, WONG, P, *et al*
PANG, J A C K. *See* BUTLAND, R J A, PANG, J A C K, *et al*
PANNIER, R, VERLINDE, I, PUSPOWIDJONO, I, WILLEMOT, J P, and PONDT, M DE: Gallium 67 scan in the diagnosis and staging of bronchial carcinoma (P), 709
PAONE, J F, DHASMANA, J, and JEYASINGHAM, K: Preoperative carcinoembryonic antigen levels correlated with histology and pathological staging in bronchogenic carcinoma (P), 78
—, KARDANA, A, ROGERS, G T, DHASMANA, J, and JEYASINGHAM, K: Preoperative carcinoembryonic antigen levels correlated with postoperative pathological staging in bronchial carcinoma, 920
PARENZAN, L. *See* TIRABOSCHI, R, CRUPI, G, *et al*
PARIENTE, R. *See* MURCIANO, D, VIAU, F, *et al*
PARIS, F: Total sternectomy for malignant disease (P), 78
PARKER, D J. *See* RUDD, R M, HILL, P R, *et al*
PARKES, W R. *See* COUTTS, I I, GILSON, J C, *et al*
PATERSON, I C. *See* CARMICHAEL, J, PATERSON, I C, *et al*
PAVIA, D. *See* BATEMAN, J R M, NEWMAN, S P, *et al*
—. *See* JENKINS, P, PAVIA, D, *et al*
—. *See* NEWMAN, S P, PAVIA, D, *et al*
PAYNE, C R, JACQUES, P, and KERR, I H: Lung folding simulating peripheral pulmonary neoplasm (Blesovsky's syndrome) (P), 227; 936
Peak flow meters, calibration of (*Letter*), 880
PEARCE, R C. *See* CAMM, A J, WARD, D E, *et al*
PEARSON, R. M. *See* HAVARD, C W H, BAX, R P, *et al*
PEATFIELD, A C, and RICHARDSON, P S: Stimulation of mucus secretion in an *in vitro* rabbit tracheal preparation by normal and cystic fibrosis human serum (P), 232
Pectus excavatum and carinatum, surgical correction of, 700
PELLET, J R. *See* WARREN, R B, WARNER, T F C S, *et al*
PELLICCIOTTI, L. *See* VULTERINI, S, BIANCO, M R, *et al*
Penicillamine, pulmonary eosinophilia due to, 957
Peptic stricture of oesophagus, established, Collis-Belsey operation for (P), 74
stricture of oesophagus, so-called, conservative management of (P), 74

Perfusion blood, bacterial culture after open-heart surgery, 754
PERIANAYAGAM, W J, MURALIDHARAN, S, JAIRAJ, P S, KRISHNASWAMY, S, SUKUMAR, I P, CHERIAN, G, MANSFIELD, R, and JOHN, S: Experience with the surgical treatment of coarctation of the aorta in India, 950
Pericardial packing as effective last resort in open heart surgery (P), 78
PERKS, W H, COOPER, R A, BRADBURY, S, HORROCKS, P, BALDOCK, N, ALLEN, A, VAN'T HOFF, W, WEIDMAN, G, and PROWSE, K: Sleep apnoea in Scheie's syndrome, 85
—, HORROCKS, P, COOPER, R A, BRADBURY, S, BALDOCK, N, ALLEN, A, VAN'T HOFF, W, and PROWSE, K: Sleep apnoea in acromegaly (P), 237
PERRET, C, *See* DOMENIGHETTI, G, and PERRET, C
PETHERAM, I S, BIERMAN, C W, MOXHAM, J, and SPIRO, S G: Reproducibility of flow rates measured with low density gas mixtures for assessing airways obstruction (P), 226
PETTY, T L. *See* SILVERS, G W, PETTY, T L, *et al*
Pharmacological and hypothermic inhibition of metabolism during myocardial ischaemia (P), 75
PHILLIPS, M J, KNIGHT, R K, and GREEN, M: Fibreoptic bronchoscopy and diagnosis of pulmonary lesions in lymphoma and leukaemia, 19
—, OLLIER, S, and DAVIES, R J: Modifying effects of ketotifen clemastine, and disodium cromoglycate on allergen and histamine dose-response relationships in the nose (P), 717
PHILLIPS, R H. *See* SHNEERSON, J M, EMERSON, P A, *et al*
PHOTIOU, S A, CHEUNG, D L, DRAKELEY, M J, MERCER, J L, and MEADE, J B: Thrombotic obstruction of Björk-Shiley valves (P), 223
Phycomycosis without obvious predisposing factors, solitary pulmonary nodule due to, 877
Physicians and surgeons, need for co-operation in preoperative assessment (E), 881
Physiotherapy of chest versus cough in regional clearance of excessive tracheobronchial secretions (P), 227
PIERCE, R J, BROWN, D J, and DENISON, D M: Radiographic, scintigraphic, and gas-dilution estimates of individual lung and lobar volumes in man, 773
Pigeon breeder's disease, role of pigeon bloom and existence of further antigen in (P), 228
PIKE, C P. *See* LYALL, J R W, SUMMERS, G D, *et al*
PLANTE, F. *See* MURCIANO, D, VIAU, F, *et al*
Plasma and sputum erythromycin concentrations in chronic bronchitis, 441
  catecholamines during exercise-induced bronchoconstriction in bronchial asthma, 823
  CEA measurements in preoperative assessment of lung cancer (P), 224
Plasmapheresis in treatment of idiopathic pulmonary haemosiderosis, 399
PLATZKER, A C G. *See* SCHONFELD, T, O'NEAL, M H, *et al*
Pleural biopsy, multiple, with Abrams needle, 600
  calcification, pleural mesotheliomas and bronchial cancers due to tremolite dust, 564
  disease due to asbestos, case for compensation in (P), 714
  disease, pleural ultrasound in diagnosis and management of (P), 235
  effusion in sarcoidosis, 3 cases and review of, 277
  effusions, malignant, recurrent, intrapleural immunotherapy with *Corynebacterium parvum* in, 856
Pleurisy, asbestos, respiratory function changes after, 31
  restrictive, associated with asbestos exposure, physiological findings and histopathology in (P), 715
Pleuropulmonary complications of thoracic vertebral osteomyelitis, 156
Plexogenic pulmonary arteriopathy and liver cirrhosis, 133
Pneumonectomy, empyema after, prophylaxis against, 107
  interatrial right-to-left shunt after, 307
  oesophagopleural fistula after, 865
  progression to, in recurrent major haemoptysis, 905
Pneumonia, atypical, lung function changes in, time course of, 586
  destructive, chronic, characteristics and management of, 340
  due to Mycoplasma, radiographic patterns in (P), 230
  due to Mycoplasma, with fulminant evolution into diffuse interstitial fibrosis, 140; (*Letter*), 960
  eosinophilic, chronic, 570
  necrotising, and empyema due to *Clostridium bifermentans*, 310
  unilateral, extensive, improved oxygenation using lateral decubitus position in, 792
  viral, fulminating, complicated by necrotising aspergillosis, 215
Pneumothorax in needle lung biopsy, prevention by breathing of 100% oxygen, 37
Pollution, relation to new growth of bronchus (P), 709
Polyvinylchloride dust, respiratory disease in workers exposed to, epidemiological study of, 644
PONDT, M DE. *See* PANNIER, R, VERLINDE, I, *et al*
POOLE, D. *See* SHEE, C D, POOLE, D, *et al*
Portal and pulmonary hypertension, rare association between, 945
Positive end-expiratory pressure, effect on intrapulmonary shunt at different levels of fractional inspired oxygen, 181
Potassium, body, total, as prognostic index in cardiac surgery (P), 75
POUKKULA, A. *See* HUHTI, E, SUTINEN, S, *et al*
POUNDER, R E. *See* WRIGHT, P H, KEELING, P W N, *et al*
POZO-RODRIGUEZ, F, FREIRE-CAMPO, J M, GUTIERREZ-MILLET, V, BARBOSA-AYÚCAR, C, DIAZ DE ATAURI, J, and MARTÍN-ESCRIBANO, P: Idiopathic pulmonary haemosiderosis treated by plasmapheresis, 399
Prazosin inhalation in asthma (P), 239
Prednisolone administration, timing irrelevant to pharmokinetics (P), 238
  changes in effective pulmonary blood flow after, in normal and asthmatic subjects (P), 238
PREECE, M A. *See* WELLER, P H, INGRAM, D, *et al*
Pressure-time measurements in valvular heart disease, analogue computer for, 52
PRIDE, N B. *See* GRIBBIN, H R, BARNES, P J, *et al*
—. *See* OSMANLIEV, D P, DAVIES, E E, *et al*
PRIOR, J G. *See* COCHRANE, G M, PRIOR, J G, *et al*
PRITCHARD, J A V. *See* SAVAGE, A M, PRITCHARD, J A V, *et al*
PROWSE, K. *See* PERKS, W H, COOPER, R A, *et al*
—. *See* PERKS, W H, HORROCKS, P, *et al*
PUDIFIN, D. *See* CAMERON, E W J, APPELBAUM, P C, *et al*
Pulmonary and portal hypertension, rare association between, 945
  arteriopathy, plexogenic, and liver cirrhosis, 133
  artery pressure in chronic lung disease, echocardiographic method for estimation of, 914
  blood flow, effective, changes with prednisolone in normal and asthmatic subjects (P), 238
  capillary volume and membrane diffusing capacity in rheumatoid disease, 851
  capillary volume in rheumatoid disease (P), 229
  embolism, chronic, embolectomy for, fatal massive haemoptysis after, 705

embolism, classification of (P), 236
emphysema, lung function indices in, annual decline of (P), 230
endothelial pavement patterns, 186
eosinophilia due to penicillamine, 957
fibrosis, bronchoalveolar lavage in, comparison of lung biopsy cells and clinical features, 9
haemosiderosis, idiopathic (P), 708
haemosiderosis, idiopathic, treated by plasmapheresis, 399
hypertension and dyspnoea, microscopic tumour emboli to lungs as hidden cause of, 794
hypertension, primary, clinical and haemodynamic effects of diazoxide in, 269
hypertension with ventricular septal defect and patent ductus arteriosus, management in infancy and early childhood (*Letter*), 318
involvement in non-Hodgkin's lymphoma (P), 237
lesions in Hodgkin's disease, lymphoma and leukaemia, diagnosis by fibreoptic bronchoscopy, 19
neoplasm, peripheral, lung folding simulating (Blesovsky's syndrome) (P), 227; 936
nodule, solitary, due to phycomycosis without obvious predisposing factors, 877
sarcoidosis, exercise testing in (P), 716
tuberculosis, drug-resistant, 2 cases of reinfection in family of patient with, 56
tuberculosis, gold therapy in (1925–35), 884
valvotomy, closed, in infants under 6 months of age, 14 consecutive cases without mortality, 814
vascular changes after creation and closure of aorto-pulmonary shunts in young piglets (P), 79
ventilation. *See* Ventilation
See also Lung
PUSPOWIDJONO, I. *See* PANNIER, R, VERLINDE, I, *et al*

R

Radiographic appearance, initial, and mortality in asbestosis (P), 235
patterns in Mycoplasma pneumonia (P), 230
scintigraphic and gas-dilution estimates of individual lung and lobar volumes, 773
Radionuclide angiography in diagnosis of congenital intrapericardial aneurysm of left atrial appendage, 154
Radiotherapy alone and with adjuvant 5-fluorouracil and adriamycin in bronchogenic carcinoma, comparison of (P), 231
for massive haemoptysis from aspergilloma, 953
immunological state in carcinoma of bronchus before and after, 500
RADLEY-SMITH, R. *See* LUISI, S V, ASHRAF, M H, *et al*
RADOMYSKI, A. *See* ZIELINSKI, J, CHODOSOWSKA, E, *et al*
RAJAH, S M. *See* RAO, K M S, LEAROYD, P A, *et al*
RAO, K M S, LEAROYD, P A, RAO, R S, RAJAH, S M, and WATSON, D A: Chronic haemolysis after Lillehei-Kaster valve replacement: comparison with the findings after Björk-Shiley and Starr-Edwards mitral valve replacement, 290
RAO, R S. *See* RAO, K M S, LEAROYD, P A, *et al*
REEN, D. *See* TOBIN, M I, FITZGERALD, M X, *et al*
—. *See* TOBIN, M J, MAGUIRE, O, *et al*
REES, A, GUERRERO, D, and LENNOX, S C: Pulmonary vascular changes after the creation and subsequent closure of aorto-pulmonary shunts in young piglets (P), 79
—. *See also* AZARIADIS, M, FIRMIN, R K, *et al*
REES, G M. *See* CAMM, A J, WARD, D E, *et al*
—. *See* WARD, D E, CAMM, A J, *et al*
REES, P J, CHILVERS, C, and CLARK, T J H: Evaluation of methods used to estimate inhaled dose of carbon monoxide, 47
—, HIGENBOTTAM, T W, and CLARK, T J H: Use of a single pair of magnetometer coils to monitor breathing patterns in an intensive care unit, 384
Rehabilitation in chronic respiratory disability, control study of (P), 233
REID, J M. *See* COLEMAN, E N, REID, J M, *et al*
REID, P. *See* INGRAM, C G, REID, P, *et al*
REINILÄ, A. *See* HUHTI, E, SUTINEN, S, *et al*
Respirators, dust, protective value in extrinsic allergic alveolitis, clinical assessment of (P), 708
Respiratory and cardiac responses to exercise in adolescent idiopathic scoliosis, 347
arterial pH oscillations, attenuation in chronic airways obstruction, relation to carbon dioxide retention (P), 710
disability, chronic, rehabilitation in, control study of (P), 233
disease in tea workers in Sri Lanka, 114
disease in workers exposed to polyvinylchloride dust, epidemiological study of, 644
drive during exercise in health and obstructive or restrictive lung impairment (P), 709
failure, acute, vagal control in (P), 711
function changes after asbestos pleurisy, 31
infection, acute, effect on local IgA production in chronic bronchitis, 202
muscle weakness and ventilatory control in myotonic dystrophy (P), 710
muscle weakness, lung volume restriction in patients with, analysis of, 603
muscles (sternomastoid), function and fatigue in, studies of (P), 226
sensitisation in cimetidine workers (P), 716
tract, lower, infection of, sputum and blood concentrations of cefuroxime in, 379
tract, lower, primary melanocarcinoma of, 158
REYNOLDS, F. *See* SANG, C T M, BRAIMBRIDGE, M V, *et al*
Rheumatoid disease, membrane diffusing capacity and pulmonary capillary volume in, 851
disease, pulmonary capillary volume in (P), 229
Rhodesian Africans, prevalence of asthma in, 833
RICHARDSON, P S. *See* PEATFIELD, A C, and RICHARDSON, P S
RIDDELL, R H. *See* FENG, Y–F, MASTERSON, J B, *et al*
Rifampicin, safe use for non-tuberculous diseases, evidence for, 788
ROACH, T C. *See* MUNGALL, I P F, COWEN, P N, *et al*
ROBERTSON, A J, SINCLAIR, D J M, SUTTON, P P, and GUTHRIE, W: Primary melanocarcinoma of the lower respiratory tract, 158
ROBINSON, B W S: Bone-scanning in hypertrophic osteoarthropathy (*Letter*), 960
ROBINSON, C, JEFFRIES, R C, and WALSH, G C: Inappropriate ADH secretion caused by oat cell carcinoma and relieved by lung resection, 635
ROCCHICCIOLI, K. *See* WALTERS, E H, COCKCROFT, A, *et al*
ROELANDTS, J, VERHAMME, M, and DEMEDTS, M: Final fall in concentration of bolus gas in closing volume test (P), 715
—. *See also* VERHAMME, M, ROELANDTS, J, *et al*
ROGERS, G T. *See* PAONE, J F, KARDANA, A, *et al*
ROOS, J P. *See* FEYTER, P J DE, ZIENKOWICZ, B S, *et al*
ROSENZWEIG, D Y. *See* HOUSER, W C, DORFF, G J, *et al*
ROSS, J K, MACKEAN, M M, and MUNRO, J L: Five hundred consecutive aortic valve replacements (P), 80
ROSS, P J. *See* BROGAN, T D, DAVIES, B H, *et al*
RUDD, R M, HILL, P R, KOPELMAN, P, and PARKER, D J:

Fungal endocarditis after homograft valve replacement: difficulties in diagnosis and treatment, 686
RUSSELL, M. *See* TAYLOR, K M, BAIN, W H, *et al*
RUTLAND, J. *See* MARLIN, G E, DAVIS, P R, *et al*
RÜTTNER, J R, BÄRTSCHI, J P, NIEDERMANN, R, and SCHNEIDER, J: Plexogenic pulmonary arteriopathy and liver cirrhosis, 133
RYAN, K C. *See* HUGHES, J A, HUTCHISON, D C S, *et al*
RYLEY, H C. *See* BROGAN, T D, DAVIES, B H, *et al*

S

SAGAR, S. *See* KIBRIA, G, SMITH, P, *et al*
ST LEGER, A S. *See* BURR, M L, DEAN, B V, *et al*
Salbutamol and aminophylline, oral, slow-release, in nocturnal asthma, relation of overnight changes in lung function and plasma drug levels, 526
inhaled, response in thyrotoxicosis to (P), 713
or isoprenaline, effect of single dose on airway epithelial goblet cells in rat (P), 717
respirator solution in asthma, optimal dose of (P), 716
SCH 1000 (ipratropium bromide) and placebo in aerosols, response in cystic fibrosis to, 531
solution, nebulised, domiciliary, in severe chronic airway obstruction, 873
Saline, cold, lavage with, and rigid bronchoscopy in management of massive haemoptysis, 901
SALOHEIMO, M. *See* HUHTI, E, SUTINEN, S, *et al*
SALSBURY, A J. *See* HASLAM, P L, TURTON, C W G, *et al*
SALT, J C. *See* GILLBE, C E, SALT, J C, *et al*
SAMANTA, T C. *See* HAVARD, C W H, BAX, R P, *et al*
SANG, C T M, BRAIMBRIDGE, M V, REYNOLDS, F, and KNOTT, C: Topical lignocaine during open heart surgery (P), 75
—. *See also* MORGAN, E, SANG, C T M, *et al*
SANTANDER, C. *See* GYHRA, A, ISRAEL, J, *et al*
Saphenous vein aorto-coronary bypass grafting in patient with single coronary artery arising from right aortic sinus, 207
vein, histological survey before use as autologous aortocoronary bypass graft, 519
Sarcoid heart disease, review of (E), 641
Sarcoidosis, anergy in, possible explanation of (P), 714
circulating immune complexes in, 286
defective yeast opsonisation of serum in, 282
pleural effusion in, 3 cases and review of, 277
pulmonary, exercise testing in (P), 716
recurrent, 879
serum angiotensin-converting enzyme as biochemical marker in (P), 231
superior vena caval obstruction due to, 397
SAUNDERS, M. *See* COCKCROFT, A, SAUNDERS, M, *et al*
SAVAGE, A M, PRITCHARD, J A V, DEELEY, T J, and DAVIES, B H: Immunological state of patients with carcinoma of the bronchus before and after radiotherapy, 500
ŞAYLI, B S. *See* YAZICIOGLU, S, ILÇAYTO, R, *et al*
SCANO, G. *See* SERGYSELS, R, MEERHAEGHE, A VAN, *et al*
SCH 1000. *See* Ipratropium bromide
Scheie's syndrome, sleep apnoea in, 85
SCHNALL, R P, and LANDAU, L I: Protective effects of repeated short sprints in exercise-induced asthma, 828
SCHNEIDER, J. *See* RÜTTNER, J R, BÄRTSCHI, J P, *et al*
SCHOEFFEL, R E, ANDERSON, S D, GILLAM, I, and LINDSAY, D A: Multiple exercise and histamine challenge in asthmatic patients, 164
SCHONFELD, T, O'NEAL, M H, PLATZKER, A C G, WEITZMAN, J J, FISHMAN, L S, WHITEMAN, S, and KEENS, T G: Function of the diaphragm before and after plication, 631
Schwannoma of brachial plexus with intrathoracic extension, 703
Scintigraphic, radiographic and gas-dilution estimates of individual lung and lobar volumes, 773
Scoliosis, idiopathic, adolescent, cardiac and respiratory responses to exercise in, 347
SCOTT, D G I, and BACON, P A: Response to methotrexate in fibrosing alveolitis associated with connective tissue disease, 725
SEED, W A. *See* FOX, B, and SEED, W A
SEGAL, I. *See* SPITZER, S A, SEGAL, I, *et al*
SERGYSELS, R, MEERHAEGHE, A VAN, SCANO, G, WILLEPUT, R, MESSIN, R, and COSTER, A DE: Respiratory drive during exercise in normal subjects and patients with obstructive or restrictive lung impairment (P), 709
SERISIER, D E, MASTAGLIA, F L, and GIBSON, G J: Respiratory muscle weakness and ventilatory control in myotonic dystrophy (P), 710
Serum angiotensin-coverting enzyme as biochemical marker in sarcoidosis (P), 231
carcinoembryonic antigen levels, preoperative, in bronchial carcinoma, correlation with postoperative pathological staging, 920
normal and cystic fibrosis, human, stimulation of mucus secretion in *in vitro* rabbit tracheal preparation by (P), 232
yeast opsonisation of, defective, in sarcoidosis, 282
yeast opsonisation of, defective, in tuberculosis, 523
SEWELL, J R. *See* IND, P W, GRIBBIN, H R, *et al*
SEYMOUR, W M. *See* HIGENBOTTAM, T W, COCHRANE, G M, *et al*
SHAW, A, and FISHER, J: Reproducibility of the flow-volume loop (*Letter*), 480
—. *See also* FISHER, J, and SHAW, A
SHAYLOR, J M. *See* O'REILLY, J F, SHAYLOR, J M, *et al*
SHEAHAN, N F. *See* BATEMAN, J R M, NEWMAN, S P, *et al*
—. *See* NEWMAN, S P, PAVIA, D, *et al*
SHEE, C D, POOLE, D, and CAMERON, I R: Treatment of asthma in a general practice (P), 236
SHIRAISHI, T. *See* MORI, M, KINOSHITA, K, *et al*
SHNEERSON, J M: Cardiac and respiratory responses to exercise in adolescent idiopathic scoliosis, 347
—, EMERSON, P A, and PHILLIPS, R H: Radiotherapy for massive haemoptysis from an aspergilloma, 953
SHORE, D F, and PANETH, M: Survival after resection of small cell carcinoma of the bronchus, 819
—, WONG, P, and PANETH, M: Surgical management of ruptured chordae (P), 80
SIBBALD, B, HORN, M E C, BRAIN, E A, and GREGG, I: Genetic factors in childhood asthma, 671
SIDOTI, A M. *See* VULTERINI, S, BIANCO, M R, *et al*
SIEGLER, D. *See* BATEMAN, J R M, SIEGLER, D, *et al*
Sigmoid oesophagus, operation for, 219
SIGURDSON, M. *See* MCCARTHY, D S, and SIGURDSON, M
SILVERS, G W, PETTY, T L, and STANFORD, R E: Elastic recoil changes in early emphysema, 490
SINCLAIR, D J M. *See* ROBERTSON, A J, SINCLAIR, D J M, *et al*
SINGH, M P. *See* MCKENZIE, S A, ALLISON, D J, *et al*
SINGH, S V: Surgical correction of pectus excavatum and carinatum, 700
SJÖGREN, I, HILLERDAL, G, ANDERSSON, A, and ZETTERSTRÖM, O: Hard metal lung disease: importance of cobalt in coolants, 653
SKINNER, C. *See* ORMEROD, P, and SKINNER, C
SKOOG, C. *See* BEREND, N, SKOOG, C, *et al*
SLADE, P R. *See* SOUTHGATE, J, and SLADE, P R
Sleep apnoea in acromegaly (P), 237
apnoea in Scheie's syndrome, 85
hypoxaemia during (E), 81
SLOAN, T P. *See* HETZEL, M R, LAW, M, *et al*
Small cell carcinoma of bronchus, early, operable, determination of best treatment for (E), 721

cell carcinoma of bronchus, resection of, survival after, 819
cell carcinoma of lung, ectopic hormone production in, diagnostic and therapeutic implications of, 101
SMITH, A P. *See* JARIWALLA, A G, SMITH, A P, *et al*
SMITH, J. *See* WALESBY, R K, GALLAND, R B, *et al*
SMITH, M. *See* WILLIAMS, J D, SMITH, M, *et al*
SMITH, M M. *See* MORRIS, M J, SMITH, M M, *et al*
SMITH, P. *See* KIBRIA, G, HEATH, D, *et al*
—. *See* KIBRIA, G, SMITH, P, *et al*
SMITH, R A: Conservative management of so-called peptic stricture of the oesophagus (P), 74
SMITH, R L. *See* HETZEL, M R, LAW, M, *et al*
Smoke, cigarette, cytotoxicity of, variation in individual responses to, 751
cigarette, inhalation of, and acute airway response, 246
inhalation in firemen, 838
Smokers, bronchial carcinoma in, genetic component in? (P), 709
male, transit time analysis of forced expiratory spirogram in (P), 224
of different types of cigarette, inhaling habits among, 925
SMOLINSKY, A. *See* MILO, S, YELLIN, A, *et al*
SNOW, R M. *See* UNGER, K M, SNOW, R M, *et al*
Society of Thoracic and Cardiovascular Surgeons of Great Britain and Ireland: Annual Meeting, 74
Sodium 2-mercaptoethane sulphonate, intermittent aerosol therapy with, controlled trial in cystic fibrosis, 42
SOEJIMA, R. *See* MATSUSHIMA, T, SOEJIMA, R, *et al*
SOMABUTR, C. *See* MANOTHAYA, C, VATTANAPAT, S, *et al*
SOORAE, A S, MCKEOWN, F, and CLELAND, J: Aortic valve replacement for severe aortic regurgitation caused by idiopathic giant cell aortitis, 60
SOUTAR, C A, COPLAND, L H, THORNLEY, P E, HURLEY, J F, OTTERY, J, ADAMS, W G F, and BENNETT, B: Epidemiological study of respiratory disease in workers exposed to polyvinylchloride dust, 644
SOUTHGATE, J, and SLADE, P R: Dermoid cysts of the mediastinum (P), 222
SPARUP, J. *See* BERTELSEN, S, STRUVE-CHRISTENSEN, E, *et al*
Speech, oesophageal, oesophagectomy in patients with (P) 224
SPINKS, T J. *See* WALESBY, R K, GALLAND, R B, *et al*
SPIRO, S G. *See* FAIRFAX, A J, MCNABB, W R, *et al*
—. *See* MOXHAM, J, SPIRO, S G, *et al*
—. *See* PETHERAM, I S, BIERMAN, C W, *et al*
Spirogram of forced expiration, partial effective times in health and mild airways obstruction, 375
of forced expiration, transit time analysis of, in male smokers (P), 224
Spirometer, Ohio 842, reproducibility of flow-volume loop with (*Letter*), 480
SPITZER, S A, SEGAL, I, LUBIN, E, NILI, M, and LEVY, M: Unilateral increased transradiancy of the lung caused by bronchial carcinoid tumour, 739
SPURRELL, A J. *See* CAMM, A J, WARD, D E, *et al*
—. *See* WARD, D E, CAMM, A J, *et al*
SPURRIER, P D. *See* MACKAY, A D, SPURRIER, P D, *et al*
Sputum and blood concentrations of cefuroxime in lower respiratory tract infection, 379
erythromycin concentrations in chronic bronchitis, 441
Squamous and oat cell carcinoma of trachea, mixed, primary, 72
cell bronchial carcinoma, adjuvant BCG immunotherapy in, 781
cell carcinoma, lobar infiltration by, 633
Sri Lanka, respiratory disease in tea workers in, 114
ST segment depression, profound, induced by exercise in Wolff-Parkinson-White syndrome patient with normal coronary arteriograms, 559
STABLEFORTH, D E. *See* ORMEROD, L P, THOMSON, R A, *et al*
STALDER, H. *See* BENUSIGLIO, L N, STALDER, H, *et al*
STANFORD, R E. *See* SILVERS, G W, PETTY, T L, *et al*
STANHOPE, R. *See* KNOWLES, G K, STANHOPE, R, *et al*
Staphylococci, coagulase-negative, species isolated from catheter tips in open-heart surgery, 359
STARK, J. *See* MACARTNEY, F J, and STARK, J
—. *See* MCKAY, R, STARK, J, *et al*
STARK, J E. *See* LIPSCOMB, D J, HADFIELD, J W, *et al*
Starr-Edwards and Björk-Shiley mitral valve replacement, chronic haemolysis after, comparison with Lillehei-Kaster valve replacement, 290
Status asthmaticus, recovery from, comparison of serial electrocardiographic and vectorcardiographic changes during, 355
STEEL, C M. *See* HOPKIN, J M, and STEEL, C M
Stemphyliosis, bronchopulmonary, allergic, 515
STERLING, G M, and HERBERT, A: Lung en cuirasse: restrictive pleurisy associated with asbestos exposure (P), 715
—. *See also* HERBERT, A, and STERLING, G M
Sternectomy, total, for malignant disease (P), 78
Sternomastoid muscle function and fatigue, studies of (P), 226
Sternotomy, median, comparison of new absorbable bone sealant (Absele) with bone wax in (P), 78
modified (P), 78
Sternum, cleft of, complete, 303
Steroids, oral, in treatment of chronic airways obstruction, assessment by 12-minute walking test (P), 718
STEVENS, J. *See* STOKES, T C, STEVENS, J, *et al*
STEVENSON, J G. *See* COLEMAN, E N, REID, J M, *et al*
STOCKLEY, R A, AFFORD, S C, and BURNETT, D: Local IgA production (P), 713
—, and BURNETT, D: Local IgA production in patients with chronic bronchitis: effect of acute respiratory infection, 202
STOKES, T C, STEVENS, J, LONG, P, BELCHER, J R, and MILLER, A L: Plasma CEA measurements in the preoperative assessment of lung cancer (P), 224
STRAETEN, M VAN DER. *See* KAUFMAN, J M, CUVELIER, C A, *et al*
Streptococcal endocarditis, antibiotics for (E), 321
STRETTON, T B. *See* GOMM, S A, KEANEY, N P, *et al*
—. *See* KEANEY, N P, GOMM, S A, *et al*
STRUNIN, L. *See* HONEYBOURNE, D, BARHAM, C, *et al*
STRUVE-CHRISTENSEN, E. *See* BERTELSEN, S, STRUVE-CHRISTENSEN, E, *et al*
STUDDY, P R, BIRD, R, and JAMES, D G: Serum angiotensin-converting enzyme as a biochemical marker in sarcoidosis (P), 231
SUDLOW, M F. *See* BUIRSKI, G, CALVERLEY, P, *et al*
SUGIE, S. *See* TANABE, T, ISHIZAKA, M, *et al*
SUKUMAR, I P. *See* PERIANAYAGAM, W J, MURALIDHARAN, S, *et al*
SUMMERS, G D, LYALL, J R W, O'BRIEN, I M, and BRAIMBRIDGE, M V: Comparison between fibreoptic and rigid bronchoscopy in the diagnosis of bronchial carcinoma (P), 77
—. *See also* LYALL, J R W, SUMMERS, G D, *et al*
Surgeons and physicians, need for cooperation in preoperative assessment (E), 881
SUTINEN, S. *See* HUHTI, E, SUTINEN, S, *et al*
SUTTON, M ST J. *See* OLDERSHAW, P J, SUTTON, M ST J, *et al*
SUTTON, P P. *See* ROBERTSON, A J, SINCLAIR, D J M, *et al*
SWIERENGA, J. *See* BOSCH, J M M VAN DEN, SWIERENGA, J, *et al*
SYMMONS, D P M, and WOODS, K L: Recurrent sarcoidosis, 879
Syphilis and Marfan's syndrome, aortic root dilatation in, comparison of echocardiography and radiology for diagnosis of, 467

T

Tachycardia, atrioventricular nodal, long-term control by patient-activated radiofrequency rapid atrial pacing systems (P), 77
ventricular, refractory, cryoablation of, long-term results of (P), 76
TAGARO, D R. *See* BELLO, R, CAMPBELL, M J, *et al*
TAITELMAN, U. *See* OLIVEN, A, TAITELMAN, U, *et al*
TANABE, T, ISHIZAKA, M, OHTA, S, and SUGIE, S: Intrapericardial aneurysm of the left atrial appendage, 151
TARDIF, A. *See* CORMIER, Y, LAVIOLETTE, M, *et al*
TATSIS, G. *See* JORDANOGLOU, J, TATSIS, G, *et al*
TATTERSFIELD, A E. *See* HARRISON, R N, and TATTERSFIELD A E
—. *See* MACKAY, A D, BALDWIN, C J, *et al*
—. *See* MACKAY, A D, SPURRIER, P D, *et al*
TAYLOR, K M, BAIN, W H, DAVIDSON, K G, TURNER, M A, MITRA, S, and RUSSELL, M: Comparative clinical study of pulsatile and non-pulsatile cardiopulmonary bypass in 325 patients (P), 75
Tea workers in Sri Lanka, respiratory disease in, 114
TEMPANY, E. *See* TOBIN, M J, FITZGERALD, M X, *et al*
—. *See* TOBIN, M J, MAGUIRE, O, *et al*
Terbutaline delivered from metered dose inhaler, effect of extension tube on bronchodilator efficacy of (P), 228; 552
in chronic obstructive airways disease, haemodynamic effects of, 536
TEULE, G J J, and and MAJID, P A: Haemodynamic effects of terbutaline in chronic obstructive airways disease, 536
THE, T H. *See* JANSEN, H M, THE, T H, *et al*
THIENE, G, MIAZZI, P, VALSECCHI, M, VALENTE, M, BORTOLOTTI, U, CASAROTTO, D, and GALLUCCI, V: Histological survey of the saphenous vein before its use as autologous aortocoronary bypass graft, 519
THOMPSON, D. *See* NAQVI, N, THOMPSON, D, *et al*
THOMSON, N C, and KERR, J W: Effect of inhaled H1 and H2 receptor antagonists in normal and asthmatic subjects, 428
THOMSON, R A. *See* ORMEROD, L P, THOMSON, R A, *et al*
Thoracic surgeons, education of, 405
vertebral osteomyelitis, pleuropulmonary complications of, 156
Thoracic Society: Spring Meeting and Joint Meeting with British Thoracic Association, 222
Society: Summer Meeting, 708
Thoracotomy, left, for benign oesophageal disease, hypoxaemia after, 264
pain after, management by cryoanalgesia, 325
pain relief after (P), 226
THORNLEY, P E, and HOWATSON, S R: Primary carcinoma of the trachea: mixed squamous and oat cell type, 72
—. *See also* ELLIS, D A, THORNLEY, P E, *et al*
—. *See also* SOUTAR, C A, COPLAND, L H, *et al*
Thrombotic obstruction of Björk-Shiley valves (P), 223
THURLBECK, W M. *See* BEREND, N, SKOOG, C, *et al*
Thyrotoxicosis, response to inhaled salbutamol in (P), 713
TIRABOSCHI, R, CRUPI, G, LOCATELLI, G, HO, S Y, and PARENZAN, L: Cervical aortic arch with aortic obstruction: report of two cases, 26
TOBIN, M J, FITZGERALD, M X, MAGUIRE, O, REEN, D, and TEMPANY, E: Atopy and bronchial reactivity in cystic fibrosis (P), 232
—, MAGUIRE, O, REEN, D, TEMPANY, E, and FITZGERALD, M X: Atopy and bronchial reactivity in older patients with cystic fibrosis, 807
TODD, J R. *See* GODDARD, P R, NICHOLSON, E M, *et al*
Trachea and upper airways, streamlining of air flow in, 543
carcinoma of, primary, mixed squamous and oat cell type, 72
tumours of, carcinoid, occurrence of? (P), 229
Tracheal damage after endotracheal intubation, bronchoscopic assessment of (P), 227
preparation *in vitro*, rabbit, mucus secretion in, stimulation by normal and cystic fibrosis human serum (P), 232
Tracheobronchial secretions, excessive, regional clearance of, cough versus chest physiotherapy in (P), 227
Transbronchial needle aspiration as diagnostic technique (P), 711
TREASURE, T, and BELCHER, J R: Prognosis of peripheral lung tumours (P), 712
Tremolite dust, pleural calcification, pleural mesotheliomas and bronchial cancers due to, 564
Tricuspid valve disease, operative management of (P), 80
valve, parachute deformity of (*Letter*), 240
TSUNETA, Y, OHSAKI, Y, KIMURA, K, MIKAMI, H, ABE, S, and MURAO, M: Chromium content of lungs of chromate workers with lung cancer, 294
TUBBS, O S. *See* FRANKS, R, WILLIAMS, S, *et al*
Tuberculosis, circulating immune complexes in (P), 231
defective yeast opsonisation of serum in, 523
infectivity of (E), 481
mediastinal, contemporary patterns of, 392
notifications of, MRC survey for England and Wales (1978–79) (P), 231
pulmonary, drug-resistant, 2 cases of reinfection in family of patient with, 56
pulmonary, gold therapy in (1925–35), 884
treatment of, two British pioneers in (James Carson and George Bodington), 483
Tumour, carcinoid, bronchial, unilateral increased transradiancy of lung due to, 739
emboli to lungs, microscopic, as hidden cause of dyspnoea and pulmonary hypertension, 794
Tumours, of lung, carcinoid, 69 cases of (P), 222
of lung, peripheral, prognosis of (P), 712
of trachea, carcinoid, occurrence of? (P), 229
TURNER, D. *See* HIGENBOTTAM, T W, COCHRANE, G M, *et al*
TURNER, M A. *See* TAYLOR, K M, BAIN, W H, *et al*
TURNER-WARWICK, M, BURROWS, B, and JOHNSON, A: Cryptogenic fibrosing alveolitis: clinical features and their influence on survival, 171
—, —, —: Cryptogenic fibrosing alveolitis: response to corticosteroid treatment and its effect on survival, 593
—, LEBOWITZ, M, BURROWS, B, and JOHNSON, A: Cryptogenic fibrosing alveolitis and lung cancer, 496
—. *See also* COUTTS, I I, GILSON, J C, *et al*
—. *See also* HASLAM, P L, TURTON, C W G, *et al*
TURTON, C W G. *See* BOYD, M J, WILLIAMS, I P, *et al*
—. *See* HASLAM, P L, TURTON, C W G, *et al*
TWEEDDALE, P M, GODDEN, D J, and GRANT, I W B: Hyperventilation in exercise-induced asthma (P), 718

U

Ultrasound methods in detection of silent carotid artery disease in cardiac surgery (P), 76
pleural, in diagnosis and management of pleural disease (P), 235
UNGER, K M, SNOW, R M, MESTAS, J M, and MILLER, W C: Smoke inhalation in firemen, 838
—. *See also* FOREMAN, J W, and UNGER, K M
URAGODA, C G: Respiratory disease in tea workers in Sri Lanka, 114

V

Vagal control in acute respiratory failure (P), 711
VAGHJIANI, N B, and WILLIAMS, W G: Atrial myxoma (P), 74

VALENTE, M. *See* THIENE, G, MIAZZI, P, *et al*
VALSECCHI, M. *See* THIENE, G, MIAZZI, P, *et al*
Valve replacement, homograft, fungal endocarditis after, problems with diagnosis and treatment in, 686
replacement, Lillehei-Kaster, chronic haemolysis after, comparison with findings after Björk-Shiley and Starr-Edwards mitral valve replacement, 290
replacement, lung mechanics after, 453
Valves, Björk-Shiley, thrombotic obstruction of (P), 223
tissue (homologous dura mater), new technique for construction of, 611
Valvular heart disease, pressure-time measurements in, analogue computer for, 52
VAN'T HOFF, W. *See* PERKS, W H, COOPER, R A, *et al*
—. *See* PERKS, W H, HORROCKS, P, *et al*
VATTANAPAT, S. *See* MANOTHAYA, C, VATTANAPAT, S, *et al*
Vectorcardiographs and electrocardiographs, serial, comparison of changes during recovery from status asthmaticus in, 355
Vena cava, inferior, complete absence of, presenting as paraspinous mass, 798
cava, superior, obstruction due to bronchial carcinoma, venography in assessment for bypass operations in, 628
cava, superior, obstruction due to sarcoidosis, 397
caval syndrome, superior, unilateral, 314
Venography in assessment for bypass operations in superior caval obstruction due to bronchial carcinoma, 628
Ventilation, mechanical, prolonged, with high concentrations of oxygen, pulmonary function after, 907
scanning with radioactive ^{113m}indium (P), 234
Ventilation-perfusion scanning in selection for lung resection (P), 711
Ventilatory control and respiratory muscle weakness in myotonic dystrophy (P), 710
failure in Guillain-Barré syndrome, 557
Ventricular septal defect and patent ductus arteriosus with pulmonary hypertension, management in infancy and early childhood (*Letter*), 318
tachycardia, refractory, cryoablation of, long-term results of (P), 76
VERHAMME, M, ROELANDTS, J, and DEMEDTS, M: Mechanisms of phases III and IV in single breath washout curves (P), 715
—. *See also* ROELANDTS, J, VERHAMME, M, *et al*
VERLINDE, I. *See* PANNIER, R, VERLINDE, I, *et al*
VERRIER-JONES, E R. *See* BURR, M L, DEAN, B V, *et al*
—. *See* BURR, M L, NEALE, E, *et al*
Vertebral osteomyelitis, thoracic, pleuropulmonary complications of, 156
VESLEMES, M. *See* JORDANOGLOU, J, TATSIS, G, *et al*
VIAU, F. *See* MURCIANO, D, VIAU, F, *et al*
Viral pneumonia, fulminating, complicated by necrotising aspergillosis, 215
VULTERINI, S, BIANCO, M R, PELLICCIOTTI, L, and SIDOTI, A M: Lung mechanics in subjects showing increased residual volume without bronchial obstruction, 461

W

WAGENVOORT, C A: Classification of pulmonary embolism (P), 236
WAGSTAFF, D. *See* BATEMAN, J R M, SIEGLER, D, *et al*
WAI, K H. *See* MOK, C K, CHEUNG, K L, *et al*
WAIN, W H. *See* BODNAR, E, HABERMAN, S, *et al*
WALBAUM, P R. *See* MORRITT, G N, and WALBAUM, P R
WALD, N J, IDLE, M, BOREHAM, J, and BAILEY, A: Inhaling habits among smokers of different types of cigarette, 925
WALESBY, R K, GALLAND, R B, SMITH, J, SPINKS, T J, and BENTALL, H H: Total body potassium as a prognostic index in cardiac surgery (P), 75
—. *See also* ASHRAF, M H, WALESBY, R K, *et al*
—. *See also* CHAPMAN, J R, WALESBY, R K, *et al*
WALKER, M. *See* ELLIS, D A, THORNLEY, P E, *et al*
Walking test, 12-minute, week-to-week reproducibility and use in assessment of oral steroid treatment in chronic airways obstruction (P), 718
WALSH, G C. *See* ROBINSON, C, JEFFRIES, R C, *et al*
WALTERS, E H, COCKCROFT, A, GRIFFITHS, T, ROCCHICCIOLI, K, and DAVIES, B H: Optimal dose of salbutamol respirator solution in asthma: comparison of three doses (P), 716
WALTON, R. *See* ENGLISH, T A H, COOPER, D K C, *et al*
WARD, D E, CAMM, A J, CORY-PEARCE, R, SPURRELL, A J, and REES, G M: Long-term control of AV nodal tachycardias by patient-activated radiofrequency rapid atrial pacing systems (P), 77
—. *See also* CAMM, A J, WARD, D E, *et al*
WARD, M J. *See* JENKINS, P F, WARD, M J, *et al*
WARNER, T F C S. *See* WARREN, R B, WARNER, T F C S, *et al*
WARREN, R B, WARNER, T F C S, GILBERT, E F, and PELLET, J R: Acquired double-barrel oesophagus in epidermolysis bullosa dystrophica, 472
WASZKIEWICZ, L. *See* BEREND, N, SKOOG, C, *et al*
WATSON, D A. *See* RAO, K M S, LEAROYD, P A, *et al*
WATSON, D C T, HADLEY, J, MARSH, J C, and MATTHEWS, H R: Oesophagectomy in patients with oesophageal speech (P), 224
WATT, I. *See* GODDARD, P R, NICHOLSON, E M, *et al*
WEDLEY, J R: Pain relief after thoracotomy (P), 226
WEIDMAN, G. *See* PERKS, W H, COOPER, R A, *et al*
WEIR, E K. *See* GREENLAND, P, KAUFFMAN, R, *et al*
WEITZMAN, J J. *See* SCHONFELD, T, O'NEAL, M H, *et al*
WELLER, P H, INGRAM, D, PREECE, M A, and MATTHEW, D J: Controlled trial of intermittent aerosol therapy with sodium 2-mercaptoethane sulphonate in cystic fibrosis, 42
WELLS, F C, COOPER, D K C, MILSTEIN, B, and ENGLISH, T: Emergency open-heart surgery: experience with 100 consecutive cases (P), 223
WETTERLIN, K. *See* ELLUL-MICALLEF, R, MORÉN, F, *et al*
WHEELDON, D R. *See* ENGLISH, T A H, COOPER, D K C, *et al*
WHIMSTER, W F. *See* DE POITIERS, W, LORD, P W, *et al*
WHITE, H. *See* BUIRSKI, G, CALVERLEY, P, *et al*
WHITE, R J. *See* FINNEGAN, O C, FOWLES, S J, *et al*
WHITEMAN, S. *See* SCHONFELD, T, O'NEAL, M H, *et al*
WIGHTMAN, A J A. *See* ELLIS, D A, THORNLEY, P E, *et al*
WILES, C M. *See* MOXHAM, J, SPIRO, S G, *et al*
WILLEMOT, J P. *See* PANNIER, R, VERLINDE, I, *et al*
WILLEPUT, R. *See* SERGYSELS, R, MEERHAEGHE, A VAN, *et al*
WILLIAMS, B T. *See* NAQVI, N, THOMPSON, D, *et al*
WILLIAMS, D A. *See* DAVIES, B H, MULLINS, J, *et al*
WILLIAMS, I P, and MCGAVIN, C R: Corticosteroids in chronic bronchitis: can the patient's assessment be ignored? (P), 238
—, and MILLARD, F J C: Severe asthma after inadvertent ingestion of oxprenolol, 160
—. *See also* BOYD, M J, WILLIAMS, I P, *et al*
WILLIAMS, J D, SMITH, M, and DAVIES, B H: Anergy in sarcoidosis: a possible explanation (P), 714
WILLIAMS, S. *See* FRANKS, R, WILLIAMS, S, *et al*
WILLIAMS, W G. *See* VAGHJIANI, N B, and WILLIAMS, W G
WILLIAMSON, I R, and KITCHIN, A H: An analogue computer for pressure-time measurements in valvular heart disease, 52
WILSON, R L K. *See* BORRIE, J, and WILSON, R L K

WILSON, R S E, and CONNELLAN, S J: Domiciliary nebulised salbutamol solution in severe chronic airway obstruction, 873

WINFIELD, C R, MCALLISTER, W A C, and COLLINS, J V: Changes in effective pulmonary blood flow with prednisolone (P), 238

WINGFIELD, H V: Some observations on the surgical treatment of oesophageal cancer (P), 223

WINSEY, N J P. *See* GOMM, S A, KEANEY, N P, *et al*

—. *See* KEANEY, N P, GOMM, S A, *et al*

WITHRINGTON, R, and COLLINS, P: Cardiac tamponade in acute pancreatitis, 959

WOLFF, C B. *See* COCHRANE, G M, PRIOR, J G, *et al*

Wolff-Parkinson-White syndrome patient with normal coronary arteriograms, profound exercise-induced ST segment depression in, 559

WOLLMER, P, BARR, M M, LAVENDER, J P, and FAZIO, F: Clinical ventilation imaging with radioactive ^{113m}indium (P), 234

WONG, P. *See* SHORE, D F, WONG, P, *et al*

WOODS, K L. *See* SYMMONS, D P M, and WOODS, K L

WOOLCOCK, A J. *See* BEREND, N, WOOLCOCK, A J, *et al*

WRIGHT, D S, and JOHNSTON, R N: Comparison of ampicillin and amoxycillin in acute on chronic bronchitis (*Letter*), 320

WRIGHT, P H, HANSON, A, KREEL, L, and CAPEL, L H: Respiratory function changes after asbestos pleurisy, 31

—, KEELING, P W N, POUNDER, R E, MENZIES, I S, BUXTON-THOMAS, M, and KREEL, L: Idiopathic pulmonary haemosiderosis (P), 708

X

Xenograft mitral valve, porcine, severe late failure of, clinical, echocardiographic, and pathological findings, 210

Y

YACOUB, M. *See* LUISI, S V, ASHFAR, M H, *et al*

YACOUB, M H. *See* GLASBY, M A, GUNNING, A J, *et al*

YATES, A K. *See* AYOUB, A W, LAU, O J, *et al*

YAZICIOGLU, S, ILÇAYTO, R, BALCI, K, ŞAYLI, B S, and YORULMAZ, B: Pleural calcification, pleural mesotheliomas, and bronchial cancers caused by tremolite dust, 564

YEAGER, H, JR. *See* BLOOM, R, YEAGER, H, JR, *et al*

Yeast opsonisation of serum, defective, in sarcoidosis, 282

opsonisation of serum, defective, in tuberculosis, 523

YELLIN, A. *See* MILO, S, YELLIN, A, *et al*

YERNAULT, J C. *See* DE TROYER, A, and YERNAULT, J C

YORULMAZ, B. *See* YAZICIOGLU, S, ILÇAYTO, R, *et al*

Z

ZETTERSTRÖM, O. *See* SJÖGREN, I, HILLERDAL, G, *et al*

ZIELINSKI, J, CHODOSOWSKA, E, RADOMYSKI, A, ARASZKIEWICZ, Z, and KOZLOWSKI, S: Plasma catecholamines during exercise-induced bronchoconstriction in bronchial asthma, 823

ZIENKOWICZ, B S. *See* FEYTER, P J DE, ZIENKOWICZ, B S, *et al*

ZVEIBIL, F. *See* OLIVEN, A, TAITELMAN, U, *et al*

THORAX

EDITED FOR

THE THORACIC SOCIETY

(*President* MICHAEL BATES)

BY

BENJAMIN B MILSTEIN and ANTHONY SEATON

ASSISTANT EDITORS D B Clarke and D Seaton

EDITORIAL BOARD

R H Anderson
G Berry
D W Bethune
J M Bishop
J S Davidson
B H Davies
M S Dunnill
P C Elmes
D I Hamilton
I M Hill
D J Lane
H R Matthews
W K C Morgan
N B Pride
C M Ogilvie
T B Stretton
Anne E Tattersfield
Margaret Turner-Warwick
J C Wagner
Editor, *British Medical Journal*

TECHNICAL EDITOR Susie Stewart

VOLUME 35, 1980

BRITISH MEDICAL ASSOCIATION, TAVISTOCK SQUARE, LONDON, WC1H 9JR

CONTENTS 1980

No 1 JANUARY

PAGE

EDITORIAL

Bronchoalveolar lavage 1

ORIGINAL ARTICLES

Bronchoalveolar lavage in pulmonary fibrosis: comparison of cells obtained with lung biopsy and clinical features P L HASLAM, C W G TURTON, B HEARD, A LUKOSZEK, J V COLLINS, A J SALSBURY, AND M TURNER-WARWICK 9

Fibreoptic bronchoscopy and diagnosis of pulmonary lesions in lymphoma and leukaemia M J PHILLIPS, R K KNIGHT, AND MALCOLM GREEN 19

Cervical aortic arch with aortic obstruction: report of two cases ROBERTO TIRABOSCHI, GIANCARLO CRUPI, GIUSEPPE LOCATELLI, SIEW YEN HO, AND LUCIO PARENZAN 26

Respiratory function changes after asbestos pleurisy P H WRIGHT, A HANSON, L KREEL, AND L H CAPEL 31

Prevention of pneumothorax in needle lung biopsy by breathing 100% oxygen Y CORMIER, M LAVIOLETTE, AND A TARDIF 37

Controlled trial of intermittent aerosol therapy with sodium 2-mercaptoethane sulphonate in cystic fibrosis P H WELLER, D INGRAM, M A PREECE, AND D J MATTHEW 42

Evaluation of methods used to estimate inhaled dose of carbon monoxide P J REES, CLAIR CHILVERS, AND T J H CLARK 47

An analogue computer for pressure-time measurements in valvular heart disease I R WILLIAMSON AND A H KITCHIN 52

Reinfection tuberculosis: two cases in the family of a patient with drug-resistant disease P ORMEROD AND C SKINNER 56

Aortic valve replacement for severe aortic regurgitation caused by idiopathic giant cell aortitis AJAIB S SOORAE, FLORENCE MCKEOWN, AND JACK CLELAND 60

The flow-volume loop: reproducibility of air and helium-based tests in normal subjects J B MACDONALD AND T J COLE 64

SHORT REPORTS

Long asymptomatic period of atrial myxomas P J OLDERSHAW, M ST JOHN SUTTON, AND R V GIBSON 70

Primary carcinoma of the trachea: mixed squamous and oat cell type P E THORNLEY AND S R HOWATSON 72

Proceedings of the Society of Thoracic and Cardiovascular Surgeons of Great Britain and Ireland 74

No 2 FEBRUARY

EDITORIAL

Hypoxaemia during sleep 81

ORIGINAL ARTICLES

Sleep apnoea in Scheie's syndrome W H PERKS, R A COOPER, S BRADBURY, P HORROCKS, N BALDOCK, A ALLEN, W VAN'T HOFF, G WEIDMAN, AND K PROWSE 85

Inspiratory muscle force in normal subjects and patients with interstitial lung disease ANDRE DE TROYER AND JEAN-CLAUDE YERNAULT 92

Diagnostic and therapeutic implications of ectopic hormone production in small cell carcinoma of the lung MOGENS HANSEN, MOGENS HAMMER, AND LOTTE HUMMER 101

Prophylaxis of postpneumonectomy empyema P GOLDSTRAW 107

A service for the adult asthmatic B DAVIS, P M GETT, AND E SHERWOOD JONES 111

Respiratory disease in tea workers in Sri Lanka C G URAGODA 114

Prognostic features of large cell anaplastic carcinoma of the bronchus D M MITCHELL, P G M MORGAN, AND J B BALL 118

A trioventricular conduction system in univentricular heart of right ventricular type with right-sided rudimentary chamber CATHARINA E ESSED, SIEW YEN HO, STEWART HUNTER, AND ROBERT H ANDERSON 123

Indirect arterial pulse tracings in children with coarctation of the aorta before and after operation M OYONARTE, D F DICKINSON, D MEDICI, AND D I HAMILTON 128

Plexogenic pulmonary arteriopathy and liver cirrhosis J R RÜTTNER, J-P BÄRTSCHI, R NIEDERMANN, AND J SCHNEIDER 133

Dose response of ipratropium bromide assessed by two methods CHRISTOPHER J ALLEN AND ALASTAIR H CAMPBELL 137

Mycoplasma pneumonia with fulminant evolution into diffuse interstitial fibrosis J M KAUFMAN, C A CUVELIER, AND M VAN DER STRAETEN 140

Effects of lobectomy on lung function N BEREND, ANN J WOOLCOCK, AND G E MARLIN 145

Intrapericardial aneurysm of the left atrial appendage TATSUZO TANABE, MASANORI ISHIZAKA, SATOMI OHTA, AND SABURO SUGIE 151

CONTENTS

No 2 FEBRUARY *continued*

PAGE

SHORT REPORTS

Radionuclide angiography in the diagnosis of congenital intrapericadial aneurysm of the left atrial appendage P J DE FEYTER, B S ZIENKOWICZ, G A K HEIDENDAL, P A MAJID, AND J P ROOS 154

Pleuropulmonary complications of thoracic vertebral osteomyelitis ROBERT BLOOM, HENRY YEAGER JR, AND VINCENT F GARAGUSI 156

Primary melanocarcinoma of the lower respiratory tract A J ROBERTSON, D J M SINCLAIR, P P SUTTON, AND W GUTHRIE 156

Severe asthma after inadvertent ingestion of oxprenolol I P WILLIAMS AND F J C MILLARD 160

No 3 MARCH

EDITORIAL

Investigating the oesophagus 161

ORIGINAL ARTICLES

Multiple exercise and histamine challenge in asthmatic patients ROBIN E SCHOEFFEL, SANDRA D ANDERSON, I GILLAM, AND D A LINDSAY 164

Cryptogenic fibrosing alveolitis: clinical features and their influence on survival M TURNER-WARWICK, B BURROWS, AND A JOHNSON 171

Effect of positive end-expiratory pressure on intrapulmonary shunt at different levels of fractional inspired oxygen A OLIVEN, U TAITELMAN, F ZVEIBIL, AND S BURSZTEIN 181

Pulmonary endothelial pavement patterns GOLAM KIBRIA, DONALD HEATH, PAUL SMITH, AND ROBERT BIGGAR 186

Release of lamellar bodies from alveolar type 2 cells N F JOHNSON 192

Quantitative study of bronchial mucous gland enlargement ANDREW N DOUGLAS 198

Local IgA production in patients with chronic bronchitis: effect of acute respiratory infection R A STOCKLEY AND D BURNETT 202

Aorto-coronary saphenous vein bypass grafting in a patient with a single coronary artery arising from the right aortic sinus S MILO, Y KISHON, D GOOR, AND H N NEUFELD 207

Severe late failure of a porcine xenograft mitral valve: clinical, echocardiographic, and pathological findings GIANCARLO CRUPI, DEREK GIBSON, BRIAN HEARD, AND CHRISTOPHER LINCOLN 210

SHORT REPORTS

Anomalous origin of the anterior segmental bronchus of the right upper lobe J ODELL 213

Necrotising aspergillosis complicating fulminating viral pneumonia A G JARIWALLA, A P SMITH, AND G MELVILLE-JONES 215

Bronchiectasis complicating chronic lymphatic leukaemia with hypogammaglobulinaemia G K K NOWLES, R STANHOPE, AND M GREEN 217

Operation for sigmoid oesophagus A J NAKVI AND W C BARNSLEY 219

Proceedings of The Thoracic Society and The British Thoracic Association 222

Correspondence 240

No 4 APRIL

EDITORIAL

Occupational asthma 241

ORIGINAL ARTICLES

Cigarette smoke inhalation and the acute airway response TIM HIGENBOTTAM, COLIN FEYERABAND, AND T J H CLARK 246

Quality of survival in patients with surgically treated bronchial carcinoma ENN NÕU AND TORKEL ÅBERG 255

Hypoxaemia after left thoracotomy for benign oesophageal disease E T BAINBRIDGE AND H R MATTHEWS 264

Clinical and haemodynamic effects of diazoxide in primary pulmonary hypertension MICHAEL HONEY, LAWRENCE COTTER, NICHOLAS DAVIES, AND DAVID DENISON 269

Sarcoid pleural effusion: three cases and review of the literature A J NICHOLLS, J A R FRIEND, AND J S LEGGE .. 277

Defective yeast oponisation of serum in sarcoidosis N MCI JOHNSON, M W MCNICOL, A KAPOOR, J E BURTON-KEE, AND J F MOWBRAY 282

Circulating immune complexes in sarcoidosis N MCI JOHNSON, M W MCNICOL, J E BURTON-KEE, AND J F MOWBRAY 286

Chronic haemolysis after Lillehei-Kaster valve replacement K MADHU SUDANA RAO, P A LEAROYD, R SUBA RAO, S M RAJAH, AND D A WATSON 290

CONTENTS

No 4 APRIL *continued* PAGE

Chromium content of lungs of chromate workers with lung cancer YASUHIRO TSUNETA, YUTAKA OHSAKI, KIYONOBU KIMURA, HIROSHI MIKAMI, SHOSAKU ABE, AND MAKOTO MURAO 294
Lung elastic recoil and reduced airflow in clinically stable asthma D S MCCARTHY AND M SIGURDSON 298
Complete cleft sternum R K FIRMIN, L S FRAGOMENI, AND S C LENNOX 303
SHORT REPORTS
Postpneumonectomy interatrial right-to-left shunt H HOLTZMAN, M LIPPMANN, F NAKHJAVAN, AND P KIMBEL 307
Necrotising pneumonia and empyema caused by Clostridium bifermentans DEVI P MISRA AND DANIEL J HURST 310
Mycobacterial infection of a congenital bronchogenic cyst WILLIAM C HOUSER, GERALD J DORFF, DAVID Y ROSENZWEIG, AND JOHN W AUSSEM 312
Unilateral superior vena caval syndrome JOHN W FORMAN AND KENNETH M UNGER 314
Lung metastases from a primary hepatocellular carcinoma D HONEYBOURNE 316
Correspondence 318

No 5 MAY

EDITORIAL
Antibiotics for streptococcal endocarditis 321
ORIGINAL ARTICLES
Cryoanalgesia in the management of pain after thoracotomy C J GLYNN, J W LLOYD, AND J D W BARNARD 325
Bronchoalveolar lavage fluid cell counts in cryptogenic fibrosing alveolitis and their relation to therapy P L HASLAM, C W G TURTON, A LUKOSZEK, A J SALSBURY, A DEWAR, J V COLLINS, AND M TURNER-WARWICK ... 328
Characteristics and management of chronic destructive pneumonia E W J CAMERON, P C APPELBAUM, D PUDIFIN, W S HUTTON, S A CHATTERTON, AND J DUURSMA 340
Cardiac and respiratory responses to exercise in adolescent idiopathic scoliosis J M SHNEERSON 347
Hypoplastic left heart syndrome: can this malformation be treated surgically? SIMCHA MILO, SIEW YEN HO, AND ROBERT H ANDERSON 351
Comparison of serial electrocardiographic and vectocardiographic changes during recovery from status asthmaticus J R M BATEMAN, D SIEGLER, D WAGSTAFF, AND S W CLARKE 355
Species of coagulase-negative staphylococci isolated from catheter tips from open-heart surgery patients R FREEMAN AND N HJERSING 359
APUD cells and neuroepithelial bodies in hamster lung: methods, quantitation, and response to injury JOHN R PALISANO AND JEROME KLEINERMAN 363
Distribution and ultrastructural characteristics of Feyrter cells in the rat and hamster airway epithelium NIGEL A EDMONDSON AND DAVID J LEWIS 371
Partial effective times of the forced expiratory spirogram in health and mild airways obstruction J JORDANOGLOU, G TATSIS, M VESLEMES, S CHARALAMPAKIS, AND C HADJISTAVROU 375
Sputum and blood concentrations of cefuroxime in lower respiratory tract infection C W H HAVARD, R P BAX, T C SAMANTA, R M PEARSON, W BRUMFITT, J M T HAMILTON-MILLER, AND C H DASH 379
Use of a single pair of magnetometer coils to monitor breathing patterns in an intensive care unit P J REES, T W HIGENBOTTAM, AND T J H CLARK 384
Malaria complicating open-heart surgery C K MOK, K L CHEUNG, K H WAI, AND G B ONG 389
Contemporary mediastinal tuberculosis T J BLOOMBERG AND C JEAN DOW 392
SHORT REPORTS
Superior vena caval obstruction caused by sarcoidosis W E MORGANS, A N AL-JILAHAWI, AND P B MBATHA 397
Idiopathic pulmonary haemosiderosis treated by plasmapheresis F POZO-RODRIGUEZ, J M FRIERE-CAMPO, V GUTIERREZ-MILLET, C BARBOSA- AYÚCAR, J DIAZ DE ATAURI, AND P MARTÍN-ESCRIBANO 399

No 6 JUNE

EDITORIAL
Immotile cilia 401
ORIGINAL ARTICLES
Education of the thoracic surgeon F HENRY ELLIS JR 405
Positive "alveolar" responses to antigen inhalation provocation tests: their validity and recognition DAVID J HENDRICK, ROBERT MARSHALL, JENNIFER A FAUX, AND JOHN M KRALL 415
Effect of inhaled H1 and H2 receptor antagonists in normal and asthmatic subjects NEIL C THOMSON AND JAMES W KERR 428

CONTENTS

No 7 JUNE *continued*

PAGE

Endobronchial metastasis in breast cancer ROBERT E ALBERTINI AND NORMAN L EKBERG ... 435
Plasma and sputum erythromycin concentrations in chronic bronchitis G E MARLIN, P R DAVIS, J RUTLAND, AND N BEREND ... 441
Anomalous origin of the right coronary artery with aortopulmonary window: functional and surgical considerations S V LUISI, M H ASHRAF, G GULA, R RADLEY-SMITH, AND M YACOUB ... 446
Isolated middle lobe atelectasis: aetiology, pathogenesis, and treatment of the so-called middle lobe syndrome SVEND BERTELSEN, EIVIN STRUVE-CHRISTENSEN, ANNET AASTED, AND JØRGEN SPARUP ... 449
Lung mechanics after cardiac valve replacement M J MORRIS, M M SMITH, AND B G CLARKE ... 453
Lung mechanics in subjects showing increased residual volume without bronchial obstruction S VULTERINI, M R BIANCO, L PELLICCIOTTI, AND A M SIDOTI ... 461
Comparison of echocardiography and radiology in the diagnosis of aortic root dilation in Marfan's syndrome and in syphilis NICHOLAS G KOUNIS AND K CONSTANTINIDIS ... 467
Acquired double-barrel oesophagus in epidermolysis bullosa dystrophica R B WARREN, T F C S WARNER, E F GILBERT, AND J R PELLET ... 472

SHORT REPORTS

Irregularities in the use of regular aerosol inhalers J T MACFARLANE AND D J LANE ... 477
Hypertrophic osteoarthropathy without radiographic evidence of new bone formation C R HORN ... 479
Correspondence ... 480

No 7 JULY

EDITORIAL

Infectivity of tuberculosis ... 431

ORIGINAL ARTICLES

Two forgotten pioneers: James Carson and George Bodington R Y KEERS ... 483
Elastic recoil changes in early emphysema G WAYNE SILVERS, THOMAS PETTY, AND RAY E STANFORD ... 490
Cryptogenic fibrosing alveolitis and lung cancer M TURNER-WARWICK, M LEBOWITZ, B BURROWS, AND A JOHNSON ... 496
Immunological state of patients with carcinoma of the bronchus before and after radiotherapy ANNE M SAVAGE, J A V PRITCHARD, T J DEELEY, AND B H DAVIES ... 500
Effects of anti-mite measures on children with mite-sensitive asthma: a controlled trial M L BURR, B V DEAN, T G MERRETT, E NEALE, A S ST LEGER, AND E R VERRIER-JONES ... 506
Effect of a change to mite-free bedding on children with mite-sensitive asthma: a controlled trial M L BURR, E NEALE, B V DEAN, AND E R VERRIER-JONES ... 513
Allergic bronchopulmonary stemphyliosis S R BENATAR, B ALLAN, R P HEWITSON, AND P A DON ... 515
Histological survey of the saphenous vein before its use as autologous aortocoronary bypass graft GAETANO THIENE, PAOLO MIAZZI, MARCO VALSECCHI, MARIALUISA VALENTE, UBERTO BORTOLOTTI, DINO CASAROTTO, AND VINCENZO GALLUCCI ... 519
Defective yeast opsonisation of serum in tuberculosis M MCI JONHSON, M W MCNICOL, A KAPOOR, J E BURTON-KEE, AND J F MOWBRAY ... 523
Slow-release oral salbutamol and aminophylline in nocturnal asthma: relation of overnight changes in lung function and plasma drug levels A J FAIRFAX, W R MCNABB, H J DAVIES, AND S G SPIRO ... 526
Response to aerosol salbutamol, SCH 1000, and placebo in cystic fibrosis MEYER KATTAN, ANTHONY MANSELL, HENRY LEVISON, MARY COREY, AND INESE R B KRASTINS ... 531
Haemodynamic effects of terbutaline in chronic obstructive airways disease G J J TEULE AND P A MAJID ... 536
Streamlining of air flow in the upper airways and trachea R MARSHALL AND D J MACEY ... 543
Bronchial gland histochemistry in lungs removed for cancer W DE POITIERS, P W LORD, B BILES, AND W F WHIMSTER ... 546
Effect of an extension tube on the bronchodilator efficacy of terbutaline delivered from a metered dose inhaler S A GOMM, N P KEANEY, N J P WINSEY, AND T B STRETTON ... 552

SHORT REPORTS

Ventilatory failure in the Guillain-Barré syndrome M MASSAM AND R S JONES ... 557
Profound exercise-induced ST segment depression in a patient with Wolff-Parkinson-White syndrome and normal coronary arteriograms PHILIP GREENLAND, ROBERT KAUFFMAN, AND E KENNETH WEIR ... 559

CONTENTS

No 8 AUGUST

PAGE

EDITORIAL
Mesotheliomas, minerals, and man-made mineral fibres ... 561
ORIGINAL ARTICLES
Pleural calcification, pleural mesotheliomas, and bronchial cancers caused by tremolite dust S YAZICIOGLU, R ILÇAYTO, K BALCI, B S ŞAYLI, AND B YORULMAZ ... 564
Chronic eosinophilic pneumonia BERNARD FOX AND WILLIAM A SEED ... 570
Bronchial disease in ulcerative colitis TIM HIGENBOTTAM, G M COCHRANE, T J H CLARK, D TURNER, R MILLIS, AND W SEYMOUR ... 581
Time course of lung function changes in atypical pneumonia L N BENUSIGLIO, H STALDER, AND A F JUNOD ... 586
Cryptogenic fibrosing alveolitis: response to corticosteroid treatment and its effect on survival M TURNER-WARWICK, B BURROWS, AND A JOHNSON ... 593
Multiple pleural biopsy with the Abrams needle I P F MUNGALL, P N COWEN, N T COOKE, T C ROACH, AND N J COOKE ... 600
Analysis of lung volume restriction in patients with respiratory muscle weakness ANDRÉ DE TROYER, SAMUEL BORENSTEIN, AND RENÉ CORDIER ... 603
New technique for construction of tissue heart valves CHANYA MANOTHAYA, SOMSAK VATTANAPAT, AND CHALARD SOMABUTR ... 611
Lung function in young adults: evidence for differences in the chronological age at which various functions start to decline S HURWITZ, JANE ALLEN, ARLETTE LIBEN, AND MARGARET R BECKLAKE ... 615
Use of a special inhaler attachment in asthmatic children R ELLUL-MICALLEF, F MORÉN, K WETTERLIN, AND K C HIDINGER ... 620
Composition of bronchopulmonary secretions from patients with bronchiectasis T D BROGAN, B H DAVIES, H C RYLEY, P J ROSS, AND L NEALE ... 624
Role of venography in assessing patients with superior caval obstruction caused by bronchial carcinoma for bypass operations J F DYET AND K MOGHISSI ... 628
SHORT REPORTS
Function of the diaphragm before and after plication TOMMY SCHONFELD, MARGARET H O'NEAL, ARNOLD C G PLATZKER, JORDAN J WEITZMAN, LAWRENCE S FISHMAN, SHIRLEY WHITEMAN, AND THOMAS G KEENS ... 631
Lobar infiltration by squamous cell carcinoma C R K HIND ... 633
Inappropriate ADH secretion caused by oat cell carcinoma and relieved by lung resection CLAYTON ROBINSON, ROY C JEFFRIES, AND GEORGE C WALSH ... 635
Intrathoracic goitre in the posterior mediastinum LUIS SERGIO FRAGOMENI AND PAULO CERATTI DE AZAMBUJA 638
Correspondence ... 640

No 9 SEPTEMBER

EDITORIAL
Sarcoid heart disease: a review and an appeal ... 641
ORIGINAL ARTICLES
Epidemiological study of respiratory disease in workers exposed to polyvinylchloride dust C A SOUTAR, L H COPLAND, P E THORNLEY, J F HURLEY, J OTTERY, W G F ADAMS, AND B BENNETT ... 644
Hard metal lung disease: importance of cobalt in coolants INGELA SJÖGREN, GUNNAR HILLERDAL, ANDERS ANDERSSON, AND OLLE ZETTERSTRÖM ... 653
Lung cancer in a defined geographical area: history and histological types E HUHTI, S SUTINEN, ALLI REINILÄ, ANNELI POUKKULA, AND M SALOHEIMO ... 660
Reoperation for bronchial carcinoma A GABLER AND S LIEBIG ... 668
Genetic factors in childhood asthma BONNIE SIBBALD, MARY E C HORN, ELIZABETH A BRAIN, AND IAN GREGG ... 671
Effect of an inhaled antihistamine on exercise-induced asthma J P R HARTLEY AND S G NOGRADY ... 675
Cholinergic blockade in the prevention of exercise-induced asthma J P R HARTLEY AND B H DAVIES ... 680
Fungal endocarditis after homograft valve replacement: difficulties in diagnosis and treatment ROBIN M RUDD, PAUL HILL, PETER KOPELMAN, AND D JOHN PARKER ... 686
Mucociliary clearance in patients with chronic autonomic failure PAUL JENKINS, DEMETRI PAVIA, J R M BATEMAN, S W CLARKE, K M CITRON, AND ROGER BANNISTER ... 690
Lung crackles in bronchiectasis A R NATH AND L H CAPEL ... 694
Surgical correction of pectus excavatum and carinatum S V SINGH ... 700
SHORT REPORTS
Schwannoma of the brachial plexus with intrathoracic extension ALBERTO GYHRA, JACOB ISRAEL, CLAUDIO SANTANDER, AND DANIEL ACUÑA ... 703
Fatal massive haemoptysis after embolectomy for chronic pulmonary embolism J A ELLIOTT ... 705

No 9 SEPTEMBER *continued* PAGE

Lymphomatoid granulomatosis with postoperative bronchospasm PETER HICKEN, EUAN FREW, AND J CAMPBELL DOBIE 707
Proceedings of the Thoracic Society 708

No 10 OCTOBER

EDITORIAL
What is the best treatment for early operable small cell carcinoma of the bronchus? 721
ORIGINAL ARTICLES
Response to methotrexate in fibrosing alveolitis associated with connective tissue disease D G I SCOTT AND P A BACON 725
Comparison of normal and asthmatic circadian rhythms in peak expiratory flow rate M R HETZEL AND T J H CLARK 732
Unilateral increased transradiancy of the lung caused by bronchial carcinoid tumour S A SPITZER, I SEGAL, E LUBIN, M NILI, AND M LEVY 739
Unilateral hyperlucent lung: the case for investigation SHEILA A MCKENZIE, D J ALLISON, M P SINGH, AND S GODFREY 745
Variation in individual responses to the cytotoxicity of cigarette smoke J M HOPKIN AND C M STEEL 751
Bacterial culture of perfusion blood after open-heart surgery R FREEMAN AND N HJERSING 754
Oesophageal diverticula: principles of management and appraisal of classification JOHN BORRIE AND ROGER L K WILSON 759
Reversible airway obstruction in cystic fibrosis L P ORMEROD, R A THOMSON, CHARLOTTE M ANDERSON, AND D E STABLEFORTH 760
Radiographic, scintigraphic, and gas-dilution estimates of individual lung and lobar volumes in man R J PIERCE, D J BROWN, AND D M DENISON 773
Adjuvant immunotherapy with BCG in squamous cell bronchial carcinoma H M JANSEN, T H THE, AND N G M ORIE 781
Evidence that rifampicin can be used safely for non-tuberculous disease G ACOCELLA, W BRUMFITT, AND J M T HAMILTON-MILLER 788
SHORT REPORTS
Improved oxygenation in patients with extensive unilateral pneumonia using the lateral decubitus position J-F DHAINAUT, J BONS, C BRICARD, AND J-F MONSALLIER 792
Microscopic tumour emboli to the lungs: a hidden cause of dyspnoea and pulmonary hypertension CHRISTOPHER H FANTA AND CAROLYN C COMPTON 794
Lymphocytic lymphoma recurring in multiple endobronchial sites DANIEL E BANKS, ROBERT M CASTELLAN, AND DAVID J HENDRICK 796
Complete absence of the inferior vena cava presenting as a paraspinous mass LEE B MILNER AND ROBERTO MARCHAN 798
Correspondence 800

No 11 NOVEMBER

EDITORIAL
Immunological abnormalities in cystic fibrosis: chicken or egg? 801
ORIGINAL ARTICLES
Atopy and bronchial reactivity in older patients with cystic fibrosis M J TOBIN, O MAGUIRE, D REEN, E TEMPANY, AND M X FITZGERALD 807
Closed pulmonary valvotomy in infants under 6 months of age: report of 14 consecutive cases without mortality SIMCHA MILO, ALON YELLIN, ARAM SMOLINSKY, LEONARD C BLIEDEN, HENRY N NEUFELD, AND DANIEL A GOOR 814
Survival after resection of small cell carcinoma of the bronchus D F SHORE AND M PANETH 819
Plasma catecholamines during exercise-induced bronchoconstriction in bronchial asthma JAN ZIELIŃSKI, EWA CHODOSOWSKA, ADAM RADOMYSKI, ZUZANNA ARASZKIEWICZ, AND STANISLAW KOZLOWSKI 823
Protective effects of repeated short sprints in exercise-induced asthma ROBERT P SCHNALL AND LOUIS I LANDAU 828
Prevalence of asthma in Rhodesian Africans J B COOKSON AND G MAKONI 833
Smoke inhalation in firemen KENNETH M UNGER, RICHARD M SNOW, JORGE M MESTAS, AND WARREN C MILLER 838
Waveform and spectral analysis of crackles M MORI, K KINOSHITA, H MORINARI, T SHIRAISHI, S KOIKE, AND S MURAO 843

CONTENTS

No 12 NOVEMBER *continued* PAGE

Membrane diffusing capacity and pulmonary capillary volume in rheumatoid disease ELIZABETH A HILLS AND MARION GEARY 851
Intrapleural immunotherapy with Corynebacterium parvum in recurrent malignant pleural effusions J W MILLAR, A M HUNTER, AND N W HORNE 856
Maximum volumes in excised human lungs: effects of age, emphysema, and formalin inflation N BEREND, C SKOOG, L WASZKIEWICZ, AND W M THURLBECK 859
Postpneumonectomy oesophagopleural fistula J M M VAN DEN BOSCH, J SWIERENGA, H J GELISSEN, AND C D LAROS 865
Effect of acute and chronic beta-blockade on carbon dioxide sensitivity in normal man P F HUTCHINSON, AND R N HARRISON 869
Domiciliary nebulised salbutamol solution in severe chronic airway obstruction R S E WILSON AND S J CONNELLAN 873

SHORT REPORTS

Solitary pulmonary nodule caused by phycomycosis in a patient without obvious predisposing factors TOSHIHARU MATSUSHIMA, RINZO SOEJIMA, AND TAKEHIRO NAKASHIMA 877
Recurrent sarcoidosis D P M SYMMONS AND K L WOODS 879
Correspondence 880

No 12 DECEMBER

EDITORIAL

Physician among surgeons: thoughts on preoperative assessment 881

ORIGINAL ARTICLES

The gold rush 1925–35 R Y KEERS 884
Spontaneous intramural rupture and intramural haematoma of the oesophagus W F KERR 890
Spontaneous dissection of the oesophagus G N MORRITT AND P R WALBAUM 898
Management of massive haemoptysis with the rigid bronchoscope and cold saline lavage ALAN A CONLAN AND SOLOMON S HURWITZ 901
Recurrent major haemoptysis: progression to pneumonectomy WILLIAM A BAUMGARTNER AND JAMES B D MARK 905
Pulmonary function after prolonged mechanical ventilation with high concentrations of oxygen C E GILLBE, J C SALT, AND M A BRANTHWAITE 907
Echocardiographic method for the estimation of pulmonary artery pressure in chronic lung disease M J BOYD, I P WILLIAMS, C W G TURTON, N BROOKS, G LEECH, AND F J C MILLARD 914
Preoperative carcinoembryonic antigen levels correlated with postoperative pathological staging in bronchial carcinoma JOSEPH F PAONE, A KARDANA, GORDON T ROGERS, JANARDEN DHASMANA, AND K JEYASINGHAM 920
Inhaling habits among smokers of different types of cigarette NICHOLAS J WALD, MARIANNE IDLE, JILLIAN BOREHAM, AND ALAN BAILEY 925
Sequential brush biopsy and conventional biopsy: direct comparison of diagnostic sensitivity in lung malignancy J R W LYALL, G D SUMMERS, I M O'BRIEN, N T BATEMAN, C P PIKE, AND M V BRAIMBRIDGE 929
Comparison of inhaled atropine sulphate and atropine methonitrate CHRISTOPHER J ALLEN AND ALASTAIR H CAMPBELL 932
Lung folding simulating peripheral pulmonary neoplasm (Blesovsky's syndrome) C R PAYNE, P JAQUES, AND I H KERR 936
Short-term adverse effects of antibiotic prophylaxis for open-heart surgery R FREEMAN 941
Observations on the rare association between portal and pulmonary hypertension GOLAM KIBRIA, PAUL SMITH, DONALD HEATH, AND SHANTI SAGAR 945
Experience with the surgical treatment of coarctation of the aorta in India W JOHN PERIANAYAGAM, S MURALIDHARAN, P S JAIRAJ, S KRISHNASWAMY, I P SUKUMAR, GEORGE CHERIAN, RUTH MANSFIELD, AND STANLEY JOHN 950

SHORT REPORTS

Radiotherapy for massive haemoptysis from an aspergilloma J M SHNEERSON, P A EMERSON, AND R H PHILLIPS 953
Lymphangioma of the middle mediastinum as an incidental finding on a chest radiograph YAN-FU FENG, JAMES B MASTERSON, AND ROBERT H RIDDELL 955
Pulmonary eosinophilia caused by penicillamine D DAVIES AND J K LLOYD JONES 957
Cardiac tamponade in acute pancreatitis R WITHRINGTON AND P COLLINS 959
Correspondence 960
Index 961

Reduced Subscription Rates for Junior Hospital Doctors Residents and Interns...

THORAX

is available to junior hospital doctors in all parts of the world for a maximum of four consecutive years at REDUCED Annual Subscription Rates. (Thereafter, or when reaching consultant status this special offer will no longer apply.) The following subscription rates apply for the twelve issues published in 1981.

Inland £17.00

Overseas US$40.00

(The full rates are: Inland £34.00; Overseas US$83.00)

The opportunity to subscribe to this journal of international authority and repute at a substantially reduced subscription rate is one not to be missed by junior doctors seeking to specialise in diseases of the thorax.

Please complete the adjacent order form and send for your subscription NOW.

Further order forms can be supplied on request.

ORDER FORM

BMA Publications
BMA House, Tavistock Square
London WC1H 9JR, England

Please enter my subscription to

THORAX

☐ United Kingdom and Irish Republic £17.00

☐ Overseas US$40.00

☐ My remittance for..... is enclosed

(Please tick appropriate boxes)

NAME.....

.....

ADDRESS .....

.....

.....

To be completed by Consultant

I hereby confirm that the above mentioned doctor is a member of the junior hospital staff/ resident/intern at .....

.....

Signed.....

THORAX—The Official Journal of the Thoracic Society